



# Colour Codes PMS, CMYK, RGB, HEX

# Resene

the paint the professionals use

**Resene**   
Construction Systems

  
**Altex**  
Yacht & Boat Paint

  
**carboline**<sup>®</sup>  
Coatings - Linings - Fireproofing

**Resene**  
*Automotive & Light Industrial*

# What's the difference?

- **PMS** - Printing, Corporate Branding
- **CMYK** - Printing process
- **RGB** - Onscreen digital
- **HEX** - Web Design

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# PMS (Pantone®)

Used for - Printing, branding,  
logo's

PMS colours are patented,  
standardized colour inks made by  
Pantone for use in the Graphics  
community worldwide

Can Resene tint PMS colours? -  
Yes & No,  
we have visual colour matches on  
file that are close (although not  
exact) as we use completely  
different tinters & paint vs ink will  
look different.



# CMYK

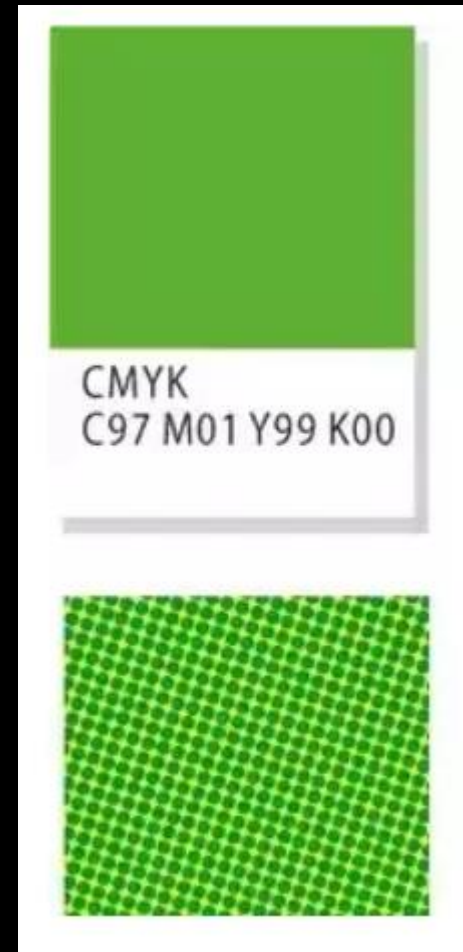
(cyan, magenta, yellow, black)

Used for - offset & digital  
Printing

CMYK is the method of using a combination of tiny dots of four ink colours (cyan, magenta, yellow, black) to create a colour. They are usually the ink combinations to achieve PMS Pantone® colours

Can Resene tint paint using a CMYK code?

No, unless it relates exactly to a specific colour ie PMS, Resene etc



Close up CMYK is made up of dots of each colour, mainly yellow & cyan in this case

# RGB

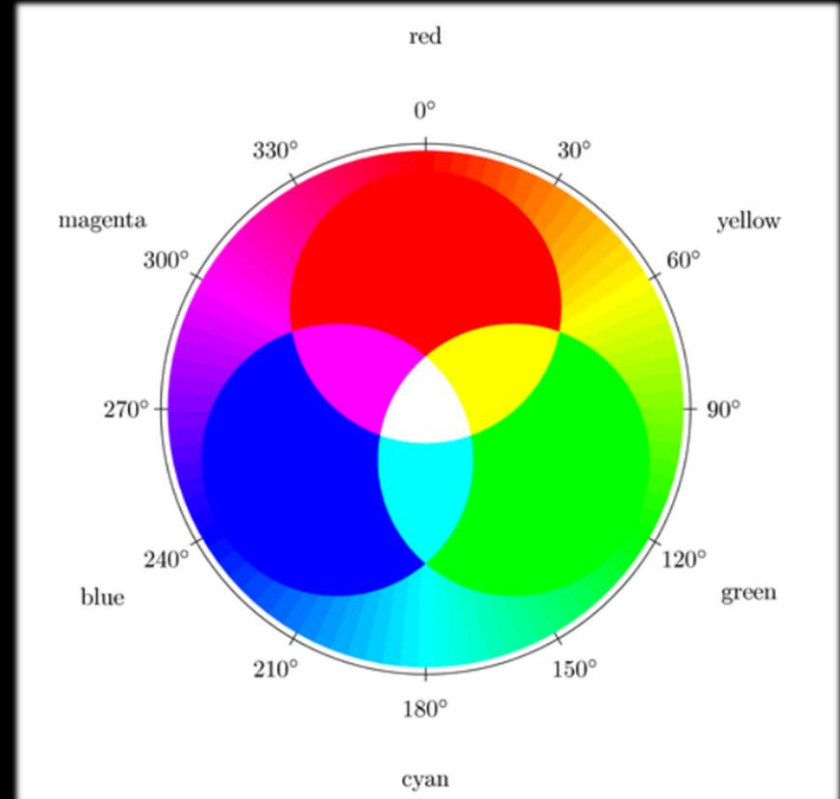
(Red, Green, Blue)

Used for - Digital

Used in the digital world of TV screens, computers, Laptops, Mobile devices. RGB is the process where colours are rendered onscreen by using combinations of Red, Green and Blue

Can Resene tint paint using a RGB code?

No, unless it relates exactly to a specific colour ie PMS, Resene etc



Source - texample.net

# HEX

(Hexadecimal Colour)

Used for -Web Design

Designers and developers use Hex colours in Web design. A six digit combination that's defined by it's mix of red, green, and blue. Basically it's another form of RGB values

Can Resene tint paint using a HEX code?

No, unless it relates exactly to a specific colour ie PMS, Resene etc



<b>R</b>	<b>G</b>	<b>B</b>
61	183	228



**HEX**  
#3DB7E4



## Key Points

- Generally when you are given a CMYK, RGB, or HEX code it will relate to a PMS Pantone® colour.
- Resene have many PMS Pantone® colour matches in our ETint system and we can tint these into paint (close matches but not exact remember)
- We cannot tint paint using CMYK, RGB, HEX codes unless they relate to a specific colour

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## Key Points

- Resene colours are unique
- If you are only wanting the closest Resene colour using a RGB, CMYK, HEX code follow the process next up on the Resene Website [www.resene.co.nz](http://www.resene.co.nz)

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# Finding the closest Resene colour

[www.resene.co.nz](http://www.resene.co.nz) - Colours → View Colour → Find-a-colour

The screenshot shows the Resene website interface. At the top, there's a navigation bar with the Resene logo and the tagline "the paint the professionals use". A search bar is located on the right. Below the navigation bar, there's a main menu with categories like "Get inspired", "Colours", "Paint/Stains", "Wallcoverings", "Curtains", "Specifiers", "Painters", "DIY", "Artists", "Schools", and "Order". The "Colours" menu is expanded, showing options like "Order now", "Ask a colour expert", "Request a colour consultation", "View colour", "Inspiration", "Colour tips and info", "Colour trends", "BIM/Electronic paint colour files", "Tools and apps", "Regional/special colour palettes", "CoolColour technology", "Total Colour System", "Resene Total Colour Awards", "Name a colour", and "More...". The "View colour" option is selected, leading to a sub-menu with "Colour swatch library", "Current colour charts", "Find-A-Colour", "Colour palette generator", "ColourMatch Online", "Total Colour System", "Top 20 colours", "Colour chart archive", and "More...". The "Find-A-Colour" option is highlighted. Below the menu, there are three featured sections: "Curtain Collection", "Colour Swatch Library", and "Wallpaper Library". To the right, there's a vertical sidebar with a "Feedback" button and a "SALE" banner for "SAVE GST" on Resene Premium Paints, Wood Stains, Wallpaper, Decorating Accessories and more! Below the sidebar, there's a "Your one-stop shop" section with text about Resene's services and a "Resene ColorShop" image. At the bottom, there's a footer with the URL [https://www.resene.co.nz/swatches/resene\\_find\\_a\\_colour.php](https://www.resene.co.nz/swatches/resene_find_a_colour.php) and a system tray showing the date and time as 2:57 PM on 13/01/2020.

# Finding the closest Resene colour

The image shows a screenshot of a color selection tool interface. On the left, there is a vertical color gradient bar and a circular color wheel. The circular color wheel has a yellow dot in the center and a grey dot on the outer edge, connected by a line. To the right of the color wheel is a table of color values. The RGB values are R: 252, G: 215, B: 35. The CMYK values are C: 0, M: 15, Y: 86, K: 1. The HEX code is FCD723. The interface also includes a 'Complementary type' dropdown menu set to 'None', an 'Approximate result' dropdown menu set to '10-20', and a 'Colour chart' dropdown menu set to 'All charts'. There are 'Print this colour' and 'Search' buttons at the bottom right.

R	252	H	50
G	215	S	97
B	35	L	56
C	0	L	86.71
M	15	A	-2.77
Y	86	B	82.34
K	1		

HEX# FCD723

Complementary type: None

Approximate result: 10-20

Colour chart: All charts

Print this colour Search

Input your RGB or CMYK or HEX code and click on Search (we've input R252, G215, B35 for this example)

# Finding the closest Resene colour

## Resene Find-A-Colour

Find close colour in all charts



Please click on a colour swatch below to preview a large colour swatch.

Resene **Find-A-Colour** has selected greys and neutrals within the colour family in addition to the pure colours. Selections are made based on the RGB values of each colour. Don't forget Resene can colour match to your own sample - just bring it into any [Resene ColorShop](#).



Resene Half Turbo  
Y87-168-089

Resene Multi-finish range  
(2016)

[More info](#) / [Download swatch](#)



Resene Turbo  
Y84-198-087

Resene The Range fashion  
colours 18

[More info](#) / [Download swatch](#)



Resene Bright Lights  
G85-160-095

Resene The Range fashion  
colours 16

[More info](#) / [Download swatch](#)



Resene Broom  
Y87-185-088

Resene Multi-finish range (pre  
2006)

[More info](#) / [Download swatch](#)



Resene Golden Dream  
Y85-164-089

Resene special palette - Diwali

[More info](#) / [Download swatch](#)



Resene Gorse  
G90-165-091

Resene Multi-finish range (pre  
2006)

[More info](#) / [Download swatch](#)



Resene Moon Yellow  
Y84-168-085

Resene B55252 range (pre  
2008)

[More info](#) / [Download swatch](#)



Resene Wild Thing  
Y87-145-086

Resene The Range fashion  
colours 18

[More info](#) / [Download swatch](#)



Resene Bite Me  
Y83-181-087

Resene The Range 2006

[More info](#) / [Download swatch](#)



Resene Happy  
Y87-189-090

Resene The Range fashion  
colours 18

[More info](#) / [Download swatch](#)



Resene Golden Fizz  
G87-162-094

Resene Multi-finish range (pre  
2006)

[More info](#) / [Download swatch](#)



Resene Southern Cross  
Y85-185-090

Resene The Range fashion  
colours 14

[More info](#) / [Download swatch](#)



Resene Quarter Turbo  
Y87-143-090

Resene Multi-finish range  
(2016)

[More info](#) / [Download swatch](#)



Resene Yellow Submarine  
G85-158-092

Resene The Range 2009

[More info](#) / [Download swatch](#)



Resene Bright Spark  
Y83-168-082

Trubridge Colour Collection

[More info](#) / [Download swatch](#)

The closest options will pop up. Top left is usually the closest

# Finding the closest Resene colour

## Colour swatches online

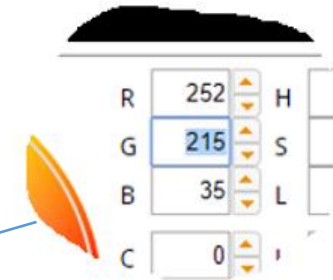


- [Download instructions](#) -

Colours are a representation only. Please refer to the actual paint or product sample. Resene colour charts, testpots and samples are available for ordering online. See [measurements / conversions](#) for more details on how electronic colour values are achieved.

[› Search for more colours](#)

Colour name: **Resene Half Turbo**  
Total colour code: Y87-168-089  
Chart colour code: -  
Tone: Deep  
Colour palette: Yellow  
RGB:     
Hex values: #FDD723  
LAB:     
CMYK:      
Approx. LRV:   
Colour pencil recipe:      
Colour chart/range: Resene Multi-finish range (2016)  
Complementary colours:  
 [Resene Aubergine](#)  
 [Resene Half Scotch Mist](#)  
 [Resene Half Karaka](#)  
Colour notes: Resene Half Turbo is a vibrant flash of energy and sunshine yellow. View on Resene Multi-finish palette R22.



Our input fields

- [Colour charts](#)
- [Testpots](#)
- [Drawdowns](#)

Click on a colour Swatch and it will show all information



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