

# Converting Colors

Hex(C63FA3)

Have a look what the booklet for  
Hex(C63FA3) contains.

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# Color

**Hex(C63FA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C63FA3
RGB	198, 63, 163
RGB Percent	78%, 25%, 64%
CMY	0.2235, 0.7529, 0.3608
CMYK	0.00, 0.68, 0.18, 0.22
HSL	316°, 54%, 51%
HSV	316°, 68%, 78%
XYZ	31.6771, 18.2051, 36.4947
YIQ	114.7650, 48.3600, 59.7200

# Conversions

## Conversions Part 2

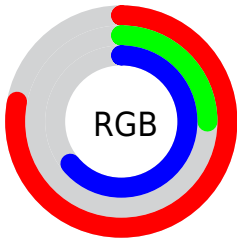
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 63, 163
Decimal	12992419
CIE <sub>Lab</sub>	49.74, 63.28, -25.58
CIE <sub>LCh</sub>	50, 68.255, 337.994
Yxy	18.2051, 0.3667, 0.2108
Android (android.graphics.Color)	4291182499 (0xFFC63FA3)
YUV	114.7650, 23.7799, 72.9971
Hunter-Lab	42.6675, 57.8535, -20.8452

# Details

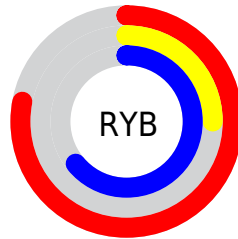
The Hex color **C63FA3** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3FC662**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF78DA**, and **8C006F** is the 20% darker color. If you saturate the color by 10%, you get **C62B9E**, and if you desaturate by 10%, it is **C653A8**.

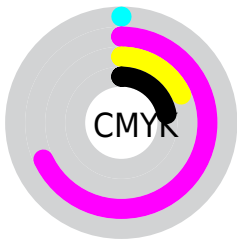
# Distribution



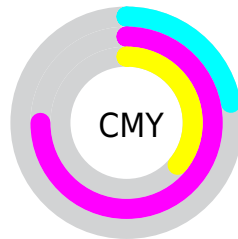
- Red (78%)
- Green (25%)
- Blue (64%)



- Red (78%)
- Yellow (25%)
- Blue (64%)



- Cyan (0%)
- Magenta (68%)
- Yellow (18%)
- Black (22%)



- Cyan (22%)
- Magenta (75%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C63FA3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C63FA3 by changing the saturation by 10% instead.



 C63FA3

 C63FA3

FFFFFF

 A91D89

 FF78DA

 8C006F

 FF95F7

 700056

 FFB1FF

 55003F

 FFCEFF

 3C0029

 FFECFF

 1D0012

 000000

 C63FA3

 C63FA3

 C62B9E

 C653A8

 C61799

 C667AD

 C60494

 C67AB2

 C60093

 C68EB8

 C6A2BD

 C6B6C2

 C6CAC7

 C6DDCC

 C6F1D1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8A5FD3



C63FA3



DB3069

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C63FA3



817900



008FBD

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C63FA3



3FC662

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009085



C63FA3



418600

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C63FA3



B16300



008D48



0088E2

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C63FA3



D83C44



008D48



0090AB



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C63FA3



FFCCF2



613FC6



806178



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C63FA3



FF2EC9



C63F61



635A61



A30079



24001A



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C63FA3



FF2EC9



3FC6A4



635A61



A30079



24001A



# Previews

## White Background



This preview shows how the Hex color C63FA3 looks on a white background.

## Color Contrast Check

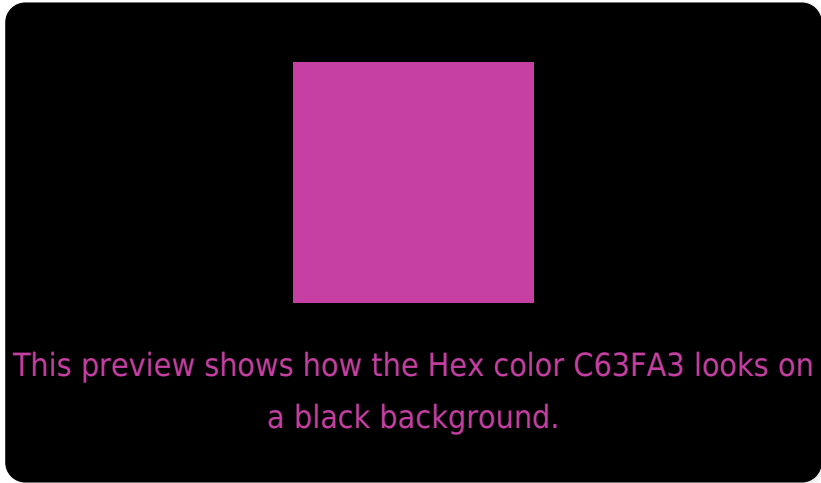
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C63FA3 Background



This preview shows how black text looks on a background with the Hex color C63FA3.

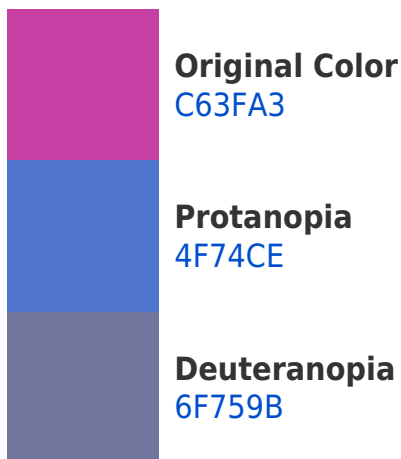



This preview shows how white text looks on a background with the Hex color C63FA3.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
BF545A

# Trichromacy



**Original Color**  
C63FA3



**Protanomaly**  
7A61BE



**Deuteranomaly**  
8F619E



**Tritanomaly**  
C24C75

# Monochromacy



**Original Color**  
C63FA3



**Achromatopsia**  
737373



**Achromatomaly**  
916084

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C63FA3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C63FA3 looks like.

```
.text, #text, p{  
    color:#C63FA3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C63FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63FA3
}
```

## Border

The CSS property to change the border of an element to Hex C63FA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C63FA3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C63FA3 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C63FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63FA3; -webkit-box-shadow:4px 4px  
4px 4px #C63FA3; box-shadow:4px 4px 4px  
4px #C63FA3 }
```

# Background

The CSS property to change the background color of an element to Hex C63FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63FA3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C63FA3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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