

# Converting Colors

Hex(C04FBD)

Have a look what the booklet for  
Hex(C04FBD) contains.

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# Color

**Hex(C04FBD)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | C04FBD                     |
| RGB         | 192, 79, 189               |
| RGB Percent | 75%, 31%, 74%              |
| CMY         | 0.2471, 0.6902, 0.2588     |
| CMYK        | 0.00, 0.59, 0.02, 0.25     |
| HSL         | 302°, 47%, 53%             |
| HSV         | 302°, 59%, 75%             |
| XYZ         | 33.7195, 20.4726, 50.3185  |
| YIQ         | 125.3270, 32.0380, 58.1660 |

# Conversions

## Conversions Part 2

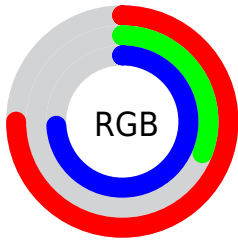
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">192, 79, 189</a>                   |
| Decimal                             | <a href="#">12603325</a>                       |
| CIELab                              | <a href="#">52.37, 59.27, -36.75</a>           |
| CIELCh                              | <a href="#">52, 69.741, 328.198</a>            |
| Yxy                                 | <a href="#">20.4726, 0.3226,<br/>0.1959</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4290793405<br/>(0xFFC04FBD)</a>    |
| YUV                                 | <a href="#">125.3270, 31.3908,<br/>58.4722</a> |
| Hunter-Lab                          | <a href="#">45.2466, 53.8435,<br/>-34.2634</a> |

# Details

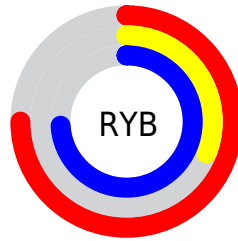
The Hex color **C04FBD** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **4FC052**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FB86F6**, and **870E87** is the 20% darker color. If you saturate the color by 10%, you get **C03CBC**, and if you desaturate by 10%, it is **C062BE**.

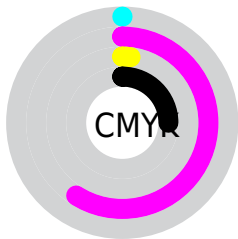
# Distribution



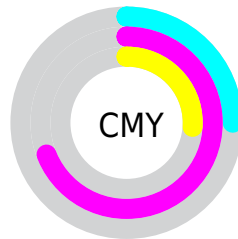
- Red (75%)
- Green (31%)
- Blue (74%)



- Red (75%)
- Yellow (31%)
- Blue (74%)



- Cyan (0%)
- Magenta (59%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (69%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C04FBD 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 C04FBD by changing the saturation by 10% instead.



 C04FBD

 C04FBD

FFFFFF

 A332A2

 FB86F6

 870E87

 FFA2FF

 6C006D

 FFBFFF

 510055

 FFDBFF

 38003D

 FFF9FF

 1C0026

 00010F

 000000

 C04FBD

 C04FBD

 C03CBC

 C062BE

 C029BC

 C075BE

 C015BB

 C089BF

 C002BB

 C09CBF

 C000BB

 C0AFC0

 C0C2C0

 C0D5C1

 C0E9C1

 C0FCC2

# Harmonies

## Analogous

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



706FE7



C04FBD



E23683

# Triad

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



C04FBD



9A7900



0097B4

# Complementary

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



C04FBD



4FC052

# 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.



009777



C04FBD



5F8A00

# Square

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



C04FBD



C76009



009339



0092E3

# Rectangle

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



C04FBD



E53A5B



009339



0097A1



# Sweetspot

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



C04FBD



FACDF9



514FC0



7D617C



FCFCFC



7D7D7D



# Same Dimension

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



C04FBD



FA48F5



C04F86



615761



A1009C



210020



# Inverse Universe

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



C04FBD



FA48F5



4FC089



615761



A1009C



210020



# Previews

## White Background



This preview shows how the Hex color C04FBD looks on a white background.

## Color Contrast Check

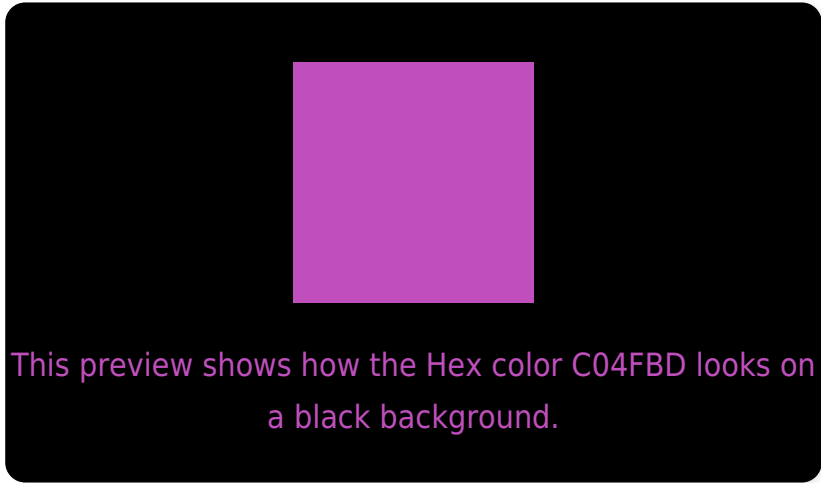
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

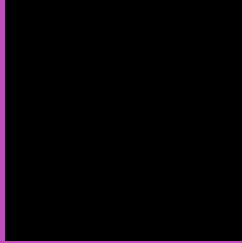
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C04FBD Background



This preview shows how black text looks on a background with the Hex color C04FBD.

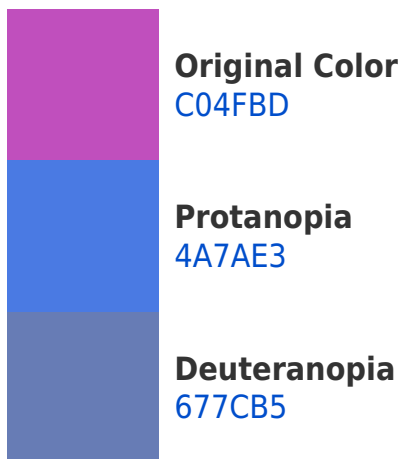



This preview shows how white text looks on a background with the Hex color C04FBD.

# 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](#).

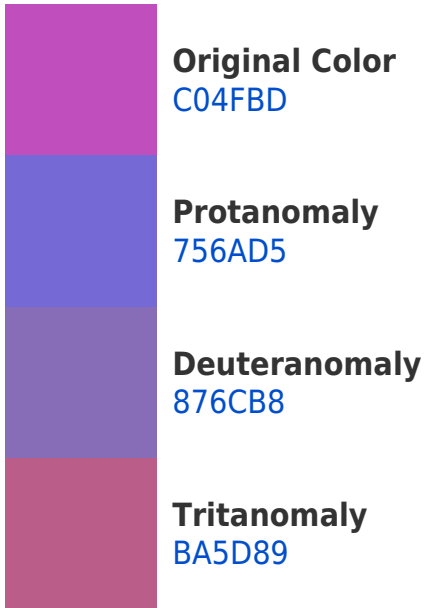
## Dichromacy





**Tritanopia**  
B7656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C04FBD 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 #C04FBD looks like.

```
.text, #text, p{  
    color:#C04FBD  
}
```

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 #C04FBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C04FBD
}
```

## Border

The CSS property to change the border of an element to Hex C04FBD 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
#C04FBD }
```

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

```
.border{ border-color:#C04FBD }
```

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

Here you see how a box with a 4 pixel #C04FBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C04FBD; -webkit-box-shadow:4px 4px  
4px 4px #C04FBD; box-shadow:4px 4px 4px  
4px #C04FBD }
```

# Background

The CSS property to change the background color of an element to Hex C04FBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C04FBD }
```

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

```
.background{ background-color:#C04FBD }
```

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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