

Converting Colors

Hex(C64CCC)

Have a look what the booklet for
Hex(C64CCC) contains.

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Color

Hex(C64CCC)

Conversions

Conversions Part 1

Format	Color
Hex	C64CCC
RGB	198, 76, 204
RGB Percent	78%, 30%, 80%
CMY	0.2235, 0.7020, 0.2000
CMYK	0.03, 0.63, 0.00, 0.20
HSL	297°, 56%, 55%
HSV	297°, 63%, 80%
XYZ	36.7722, 21.5343, 59.3452
YIQ	127.0700, 31.6240, 65.6720

Conversions

Conversions Part 2

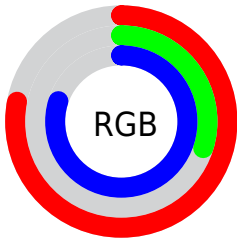
Format	Color
R _{YB}	198, 76, 204
Decimal	12995788
CIE _{Lab}	53.53, 64.64, -43.49
CIE _{LCh}	54, 77.906, 326.065
Y _{xy}	21.5343, 0.3126, 0.1830
Android (android.graphics.Color)	4291185868 (0xFFC64CCC)
YUV	127.0700, 37.9265, 62.2056
Hunter-Lab	46.4050, 60.2379, -43.3396

Details

The Hex color **C64CCC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **52CC4C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF84FF**, and **8D0095** is the 20% darker color. If you saturate the color by 10%, you get **C538CC**, and if you desaturate by 10%, it is **C760CC**.

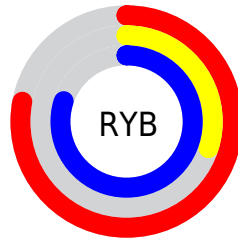
Distribution



Red (78%)

Green (30%)

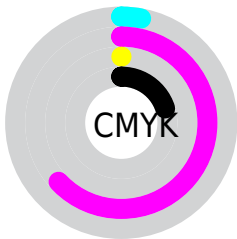
Blue (80%)



Red (78%)

Yellow (30%)

Blue (80%)

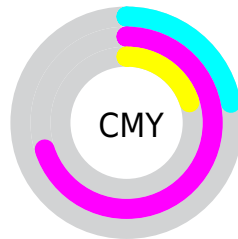


Cyan (3%)

Magenta (63%)

Yellow (0%)

Black (20%)



Cyan (22%)

Magenta (70%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color C64CCC 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 C64CCC by changing the saturation by 10% instead.

 C64CCC

 C64CCC

FFFFFF

 A92EB0

 FF84FF

 8D0095

 FFA1FF

 71007B

 FFBDFE

 550061

 FFDAFF

 3B0049

 FFF8FF

 200032

 00011B

 000000

 C64CCC

 C64CCC

 C538CC

 C760CC

 C423CC

 C875CC

 C30FCC

 C989CC

 C200CC

 CA9ECC

 CBB2CC

 CCC6CC

 CDDBBC

 CEEFCC

 CFFFCC

Harmonies

Analogous

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



6272FA



C64CCC



EF268C

Triad

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



C64CCC



A27A00



009DB9

Complementary

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



C64CCC



52CC4C

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.



009C75



C64CCC



628D00

Square

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



C64CCC



D35C00



00972C



0098EF

Rectangle

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



C64CCC



F3295F



00972C



009DA3

Sweetspot

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



C64CCC



FDCFFF



4C52CC



7E6280



000000



808080

Same Dimension

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



C64CCC



F640FF



CC4C92



665C66



9E00A6



240026

Inverse Universe

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



CC4C52



FF4049



4CCC86



665C5C



A60008



260002

Previews

White Background



This preview shows how the Hex color C64CCC looks on a white background.

Color Contrast Check

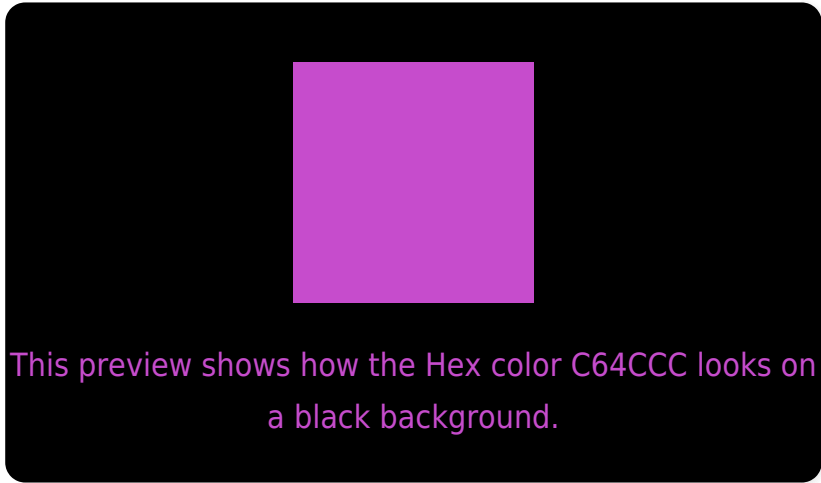
Large Text (above 18pt) WCAG AA ✓ Pass

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

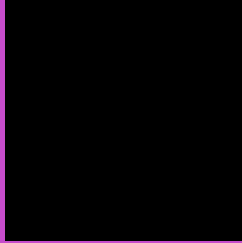
Any Text WCAG AA ✓ Pass

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 C64CCC Background



This preview shows how black text looks on a background with the Hex color C64CCC.

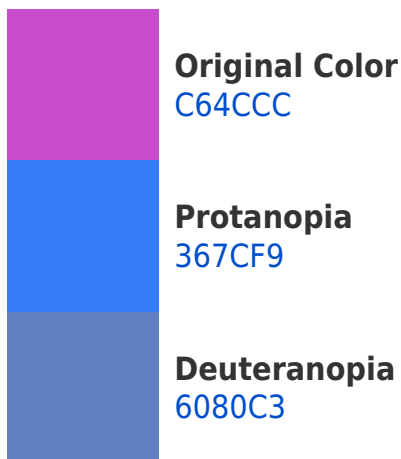



This preview shows how white text looks on a background with the Hex color C64CCC.

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](#).

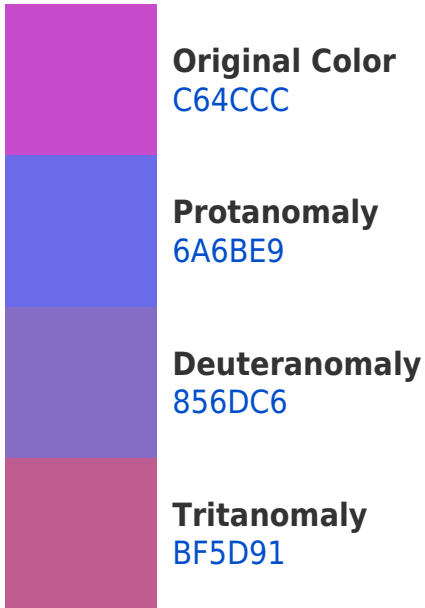
Dichromacy



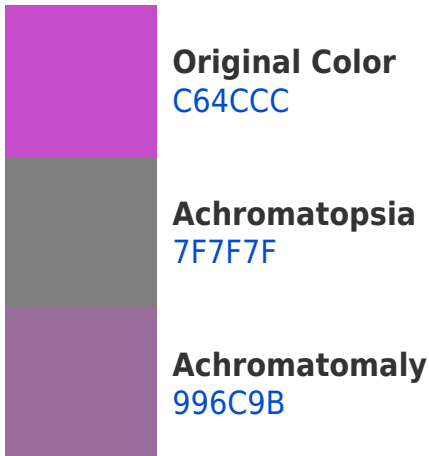


Tritanopia
BB676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C64CCC 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 #C64CCC looks like.

```
.text, #text, p{  
    color:#C64CCC  
}
```

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 #C64CCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64CCC
}
```

Border

The CSS property to change the border of an element to Hex C64CCC 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
#C64CCC }
```

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

```
.border{ border-color:#C64CCC }
```

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

Here you see how a box with a 4 pixel #C64CCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64CCC; -webkit-box-shadow:4px 4px  
4px 4px #C64CCC; box-shadow:4px 4px 4px  
4px #C64CCC }
```

Background

The CSS property to change the background color of an element to Hex C64CCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64CCC }
```

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

```
.background{ background-color:#C64CCC }
```

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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