

Converting Colors

Hex(C070B3)

Have a look what the booklet for
Hex(C070B3) contains.

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Color

Hex(C070B3)

Conversions

Conversions Part 1

Format	Color
Hex	C070B3
RGB	192, 112, 179
RGB Percent	75%, 44%, 70%
CMY	0.2471, 0.5608, 0.2980
CMYK	0.00, 0.42, 0.07, 0.25
HSL	310°, 39%, 60%
HSV	310°, 42%, 75%
XYZ	35.6691, 26.0495, 45.7959
YIQ	143.5580, 26.1730, 37.7970

Conversions

Conversions Part 2

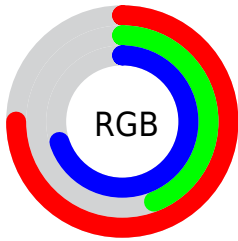
Format	Color
R_{YB}	192, 112, 179
Decimal	12611763
CIE _{Lab}	58.08, 41.32, -22.12
CIE _{LCh}	58, 46.871, 331.843
Yxy	26.0495, 0.3318, 0.2423
Android (android.graphics.Color)	4290801843 (0xFFC070B3)
YUV	143.5580, 17.4729, 42.4836
Hunter-Lab	51.0387, 35.4294, -17.4725

Details

The Hex color **C070B3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **70C07D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FAA6EB**, and **893D7E** is the 20% darker color. If you saturate the color by 10%, you get **C05DB0**, and if you desaturate by 10%, it is **C083B6**.

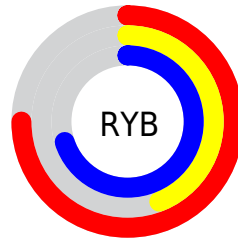
Distribution



Red (75%)

Green (44%)

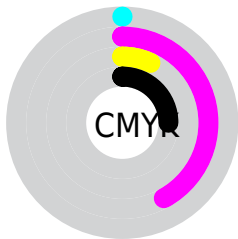
Blue (70%)



Red (75%)

Yellow (44%)

Blue (70%)

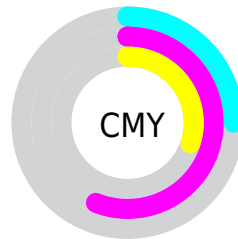


Cyan (0%)

Magenta (42%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (56%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color C070B3 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 C070B3 by changing the saturation by 10% instead.

 C070B3

 C070B3

FFFFFF

 A45698

 FAA6EB

 893D7E

 FFC1FF

 6E2365

 FFDEFF

 54054D

 FFFBFF

 3B0036

 260020

 000004

 000000

 C070B3

 C070B3

 C05DB0

 C083B6

 C04AAD

 C096B9

 C036AA

 C0AABC

 C023A7

 C0BDBF

 C010A3

 C0D0C3

 C000A1

 C0E3C6

 C0F6C9

 C0FFCC

 C0FFCF

Harmonies

Analogous

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



9180D1



C070B3



D6688B

Triad

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



C070B3



A18A36



009FB6

Complementary

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



C070B3



70C07D

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.



00A08D



C070B3



779643

Square

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



C070B3



C27B43



3F9D63



009AD3

Rectangle

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



C070B3



D86A6F



3F9D63



00A0A9

Sweetspot

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



C070B3



FAD9F5



7C70C0



7D697A



FCFCFC



7D7D7D

Same Dimension

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



C070B3



FA7DE6



C0708C



61575F



A10087



21001C

Inverse Universe

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



C070B3



FA7DE6



70C0A4



61575F



A10087



21001C

Previews

White Background



This preview shows how the Hex color C070B3 looks on a white background.

Color Contrast Check

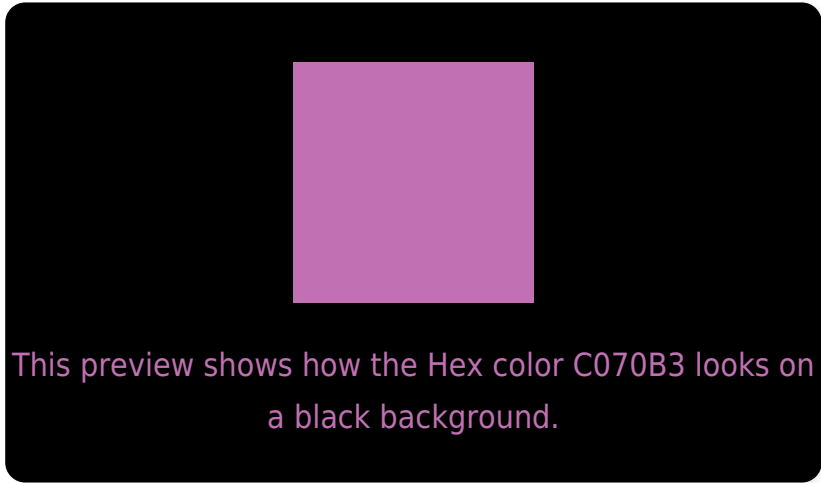
Large Text (above 18pt) WCAG AA ✓ Pass

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

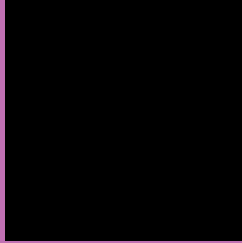
Any Text WCAG AA ✓ Pass

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 C070B3 Background



This preview shows how black text looks on a background with the Hex color C070B3.

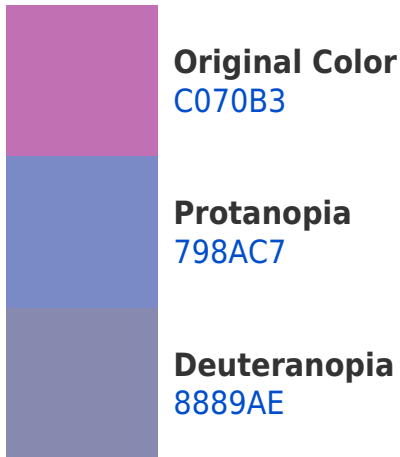



This preview shows how white text looks on a background with the Hex color C070B3.

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](#).

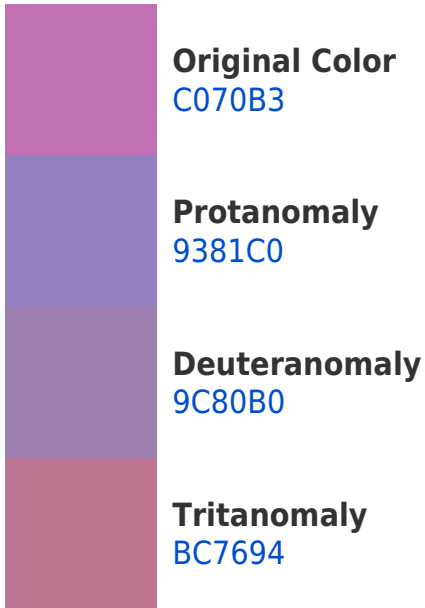
Dichromacy



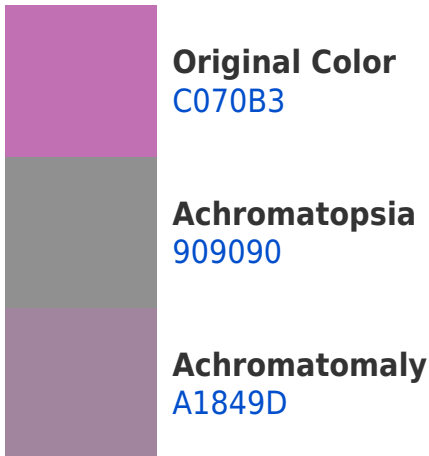


Tritanopia
BA7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C070B3 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 #C070B3 looks like.

```
.text, #text, p{  
    color:#C070B3  
}
```

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 #C070B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C070B3
}
```

Border

The CSS property to change the border of an element to Hex C070B3 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
#C070B3 }
```

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

```
.border{ border-color:#C070B3 }
```

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

Here you see how a box with a 4 pixel #C070B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C070B3; -webkit-box-shadow:4px 4px  
4px 4px #C070B3; box-shadow:4px 4px 4px  
4px #C070B3 }
```

Background

The CSS property to change the background color of an element to Hex C070B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C070B3 }
```

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

```
.background{ background-color:#C070B3 }
```

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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