

Converting Colors

Hex(CF75B3)

Have a look what the booklet for
Hex(CF75B3) contains.

Hex(CF75B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CF75B3)

Conversions

Conversions Part 1

Format	Color
Hex	CF75B3
RGB	207, 117, 179
RGB Percent	81%, 46%, 70%
CMY	0.1882, 0.5412, 0.2980
CMYK	0.00, 0.43, 0.14, 0.19
HSL	319°, 48%, 64%
HSV	319°, 43%, 81%
XYZ	40.2301, 29.2427, 46.1719
YIQ	150.9780, 33.7380, 38.3620

Conversions

Conversions Part 2

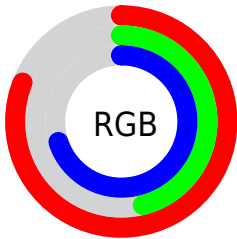
Format	Color
R _Y B	207, 117, 179
Decimal	13596083
CIE Lab	61.00, 43.54, -17.51
CIE LCh	61, 46.924, 338.093
Yxy	29.2427, 0.3479, 0.2529
Android (android.graphics.Color)	4291786163 (0xFFCF75B3)
YUV	150.9780, 13.8148, 49.1313
Hunter-Lab	54.0765, 38.1609, -12.7698

Details

The Hex color **CF75B3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75CF91**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFABEB**, and **97417E** is the 20% darker color. If you saturate the color by 10%, you get **CF60AD**, and if you desaturate by 10%, it is **CF8AB9**.

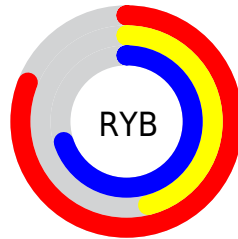
Distribution



Red (81%)

Green (46%)

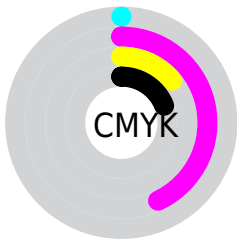
Blue (70%)



Red (81%)

Yellow (46%)

Blue (70%)

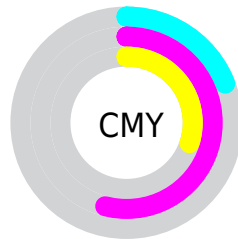


Cyan (0%)

Magenta (43%)

Yellow (14%)

Black (19%)



Cyan (19%)

Magenta (54%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF75B3 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 CF75B3 by changing the saturation by 10% instead.

 CF75B3

 CF75B3

FFFFFF

 B35B98

 FFABEB

 97417E

 FFC7FF

 7C2765

 FFE4FF

 61074D

 470036

 310021

 0A0005

 000000

 CF75B3

 CF75B3

 CF60AD

 CF8AB9

 CF4CA6

 CF9EC0

 CF37A0

 CFB3C6

 CF2299

 CFC8CD

 CF0D93

 CFDDDD3

 CF008F

 CFF1DA

 CFFFEO

 CFFFE7

 CFFFED

Harmonies

Analogous

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



A584D5



CF75B3



E07089

Triad

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



CF75B3



A1953D



00A6C5

Complementary

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



CF75B3



75CF91

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.



00A89D



CF75B3



749F4F

Square

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



CF75B3



C48646



36A673



00A0DF

Rectangle

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



CF75B3



DF736E



36A673



00A7B9

Sweetspot

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



CF75B3



FFDEF5



9075CF



806B79



000000



808080

Same Dimension

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



CF75B3



FF7AD6



CF7587



695E65



A80074



29001C

Inverse Universe

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



CF75B3



FF7AD6



75CFBD



695E65



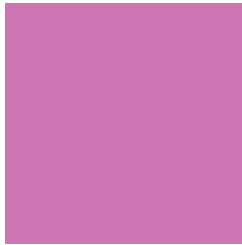
A80074



29001C

Previews

White Background



This preview shows how the Hex color CF75B3 looks on a white background.

Color Contrast Check

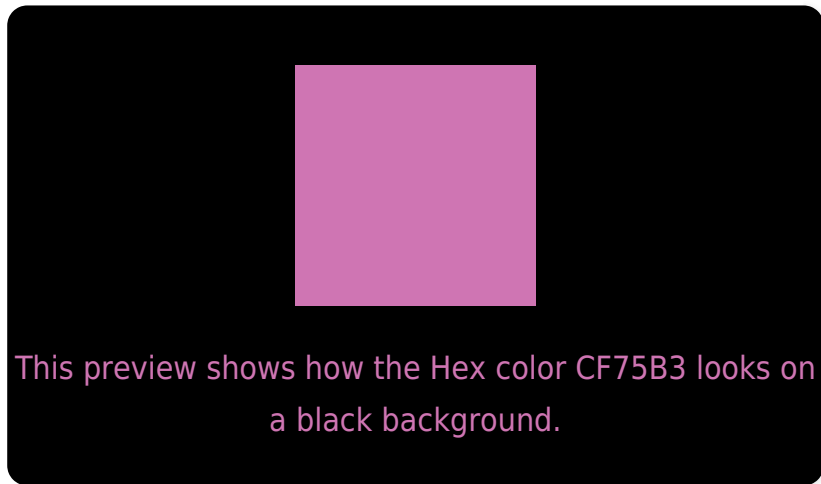
Large Text (above 18pt) WCAG AA ✓ Pass

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

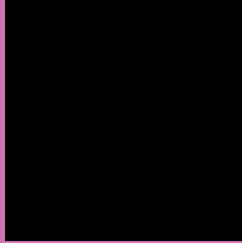
Any Text WCAG AA ✓ Pass

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 CF75B3 Background



This preview shows how black text looks on a background with the Hex color CF75B3.

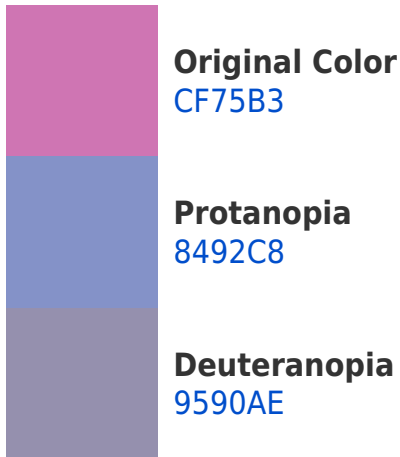


This preview shows how white text looks on a background with the Hex color CF75B3.

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](#).

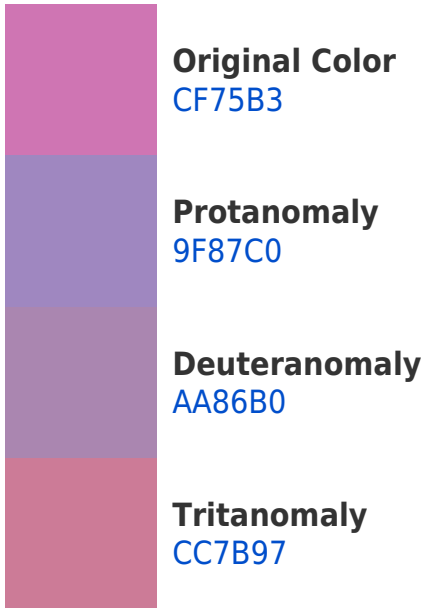
Dichromacy



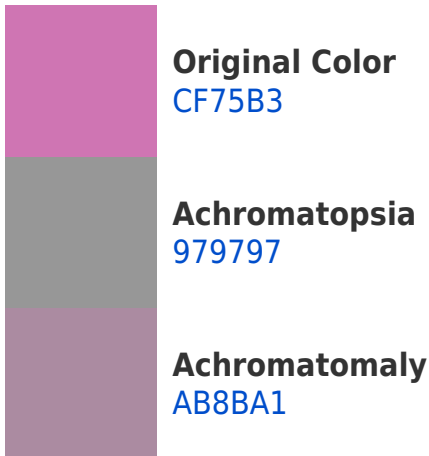


Tritanopia
CA7E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF75B3 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 #CF75B3 looks like.

```
.text, #text, p{  
    color:#CF75B3  
}
```

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 #CF75B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF75B3
}
```

Border

The CSS property to change the border of an element to Hex CF75B3 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
#CF75B3 }
```

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

```
.border{ border-color:#CF75B3 }
```

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

Here you see how a box with a 4 pixel #CF75B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF75B3; -webkit-box-shadow:4px 4px  
4px 4px #CF75B3; box-shadow:4px 4px 4px  
4px #CF75B3 }
```

Background

The CSS property to change the background color of an element to Hex CF75B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF75B3 }
```

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

```
.background{ background-color:#CF75B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor