

Converting Colors

Hex(CF76DC)

Have a look what the booklet for
Hex(CF76DC) contains.

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Color

Hex(CF76DC)

Conversions

Conversions Part 1

Format	Color
Hex	CF76DC
RGB	207, 118, 220
RGB Percent	81%, 46%, 86%
CMY	0.1882, 0.5373, 0.1373
CMYK	0.06, 0.46, 0.00, 0.14
HSL	292°, 59%, 66%
HSV	292°, 46%, 86%
XYZ	45.1288, 31.3896, 71.3904
YIQ	156.2390, 20.3020, 50.5900

Conversions

Conversions Part 2

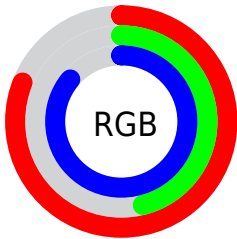
Format	Color
R_{YB}	207, 118, 220
Decimal	13596380
CIE _{Lab}	62.84, 50.26, -37.83
CIE _{LCh}	63, 62.906, 323.036
Yxy	31.3896, 0.3051, 0.2122
Android (android.graphics.Color)	4291786460 (0xFFCF76DC)
YUV	156.2390, 31.4342, 44.5174
Hunter-Lab	56.0264, 45.7342, -36.3305

Details

The Hex color **CF76DC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **83DC76**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFADFF**, and **9741A5** is the 20% darker color. If you saturate the color by 10%, you get **CC60DC**, and if you desaturate by 10%, it is **D28CDC**.

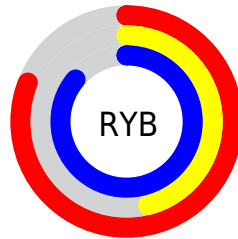
Distribution



Red (81%)

Green (46%)

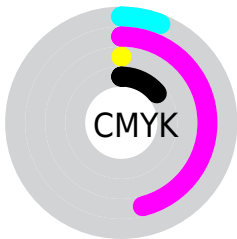
Blue (86%)



Red (81%)

Yellow (46%)

Blue (86%)

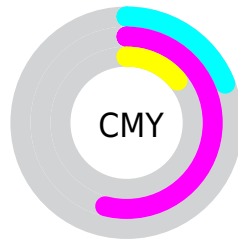


Cyan (6%)

Magenta (46%)

Yellow (0%)

Black (14%)



Cyan (19%)

Magenta (54%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF76DC 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 CF76DC by changing the saturation by 10% instead.

 CF76DC

 CF76DC

FFFFFF

 B25CC0

 FFADFF

 9741A5

 FFC9FF

 7B268A

 FFE5FF

 610370

 460057

 2E003F

 100029

 000112

 000000

 CF76DC

 CF76DC

 CC60DC

 D28CDC

 C94ADC

 D5A2DC

 C734DC

 D7B8DC

 C41EDC

 DACEDC

 C108DC

 DDE4DC

 C000DC

 E0FADC

 E3FFDC

 E5FFDC

 E8FFDC

Harmonies

Analogous

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



808FFF



CF76DC



F663A8

Triad

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



CF76DC



BF911B



00B2C2

Complementary

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



CF76DC



83DC76

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.



00B289



CF76DC



8BA224

Square

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



CF76DC



E77A3F



40AD51



00AEF1

Rectangle

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



CF76DC



FD6382



40AD51



00B3B0

Sweetspot

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



CF76DC



FADBFF



7684DC



7D6A80



000000



808080

Same Dimension

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



CF76DC



ED70FF



DC76B7



6C636E



9700AD



28002E

Inverse Universe

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



DC7683



FF7082



76DC9B



6E6364



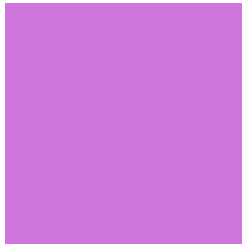
AD0016



2E0006

Previews

White Background



This preview shows how the Hex color CF76DC looks on a white background.

Color Contrast Check

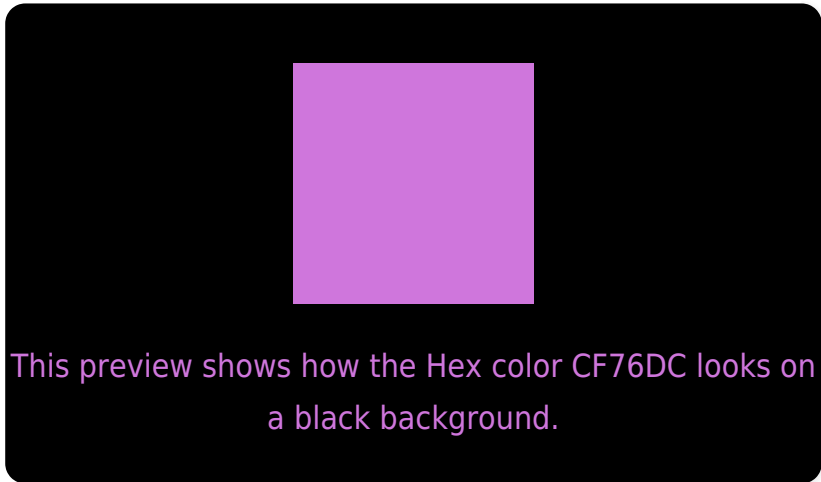
Large Text (above 18pt) WCAG AA × Fail

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

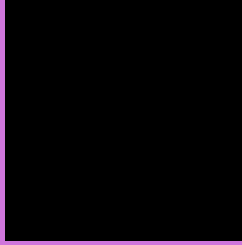
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex CF76DC Background



This preview shows how black text looks on a background with the Hex color CF76DC.

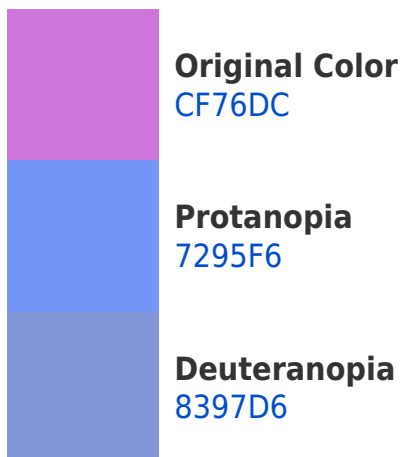


This preview shows how white text looks on a background with the Hex color CF76DC.

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
C58792

Trichromacy



Original Color
CF76DC



Protanomaly
948AED



Deuteranomaly
9F8BD8



Tritanomaly
C981AD

Monochromacy



Original Color
CF76DC



Achromatopsia
9C9C9C



Achromatomaly
AF8EB3

CSS Examples

Text

The CSS property to change the color of the text to Hex CF76DC 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 #CF76DC looks like.

```
.text, #text, p{  
    color:#CF76DC  
}
```

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 #CF76DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF76DC
}
```

Border

The CSS property to change the border of an element to Hex CF76DC 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
#CF76DC }
```

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

```
.border{ border-color:#CF76DC }
```

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

Here you see how a box with a 4 pixel #CF76DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF76DC; -webkit-box-shadow:4px 4px  
4px 4px #CF76DC; box-shadow:4px 4px 4px  
4px #CF76DC }
```

Background

The CSS property to change the background color of an element to Hex CF76DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF76DC }
```

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

```
.background{ background-color:#CF76DC }
```

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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