

Converting Colors

Hex(CC75C8)

Have a look what the booklet for
Hex(CC75C8) contains.

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Color

Hex(CC75C8)

Conversions

Conversions Part 1

Format	Color
Hex	CC75C8
RGB	204, 117, 200
RGB Percent	80%, 46%, 78%
CMY	0.2000, 0.5412, 0.2157
CMYK	0.00, 0.43, 0.02, 0.20
HSL	303°, 46%, 63%
HSV	303°, 43%, 80%
XYZ	41.6885, 29.7301, 58.1848
YIQ	152.4750, 25.2090, 44.2570

Conversions

Conversions Part 2

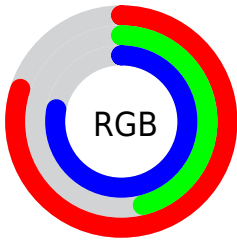
Format	Color
R_{YB}	204, 117, 200
Decimal	13399496
CIE _{Lab}	61.42, 46.18, -28.81
CIE _{LCh}	61, 54.436, 328.040
Yxy	29.7301, 0.3217, 0.2294
Android (android.graphics.Color)	4291589576 (0xFFCC75C8)
YUV	152.4750, 23.4298, 45.1874
Hunter-Lab	54.5253, 41.0566, -25.1016

Details

The Hex color **CC75C8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75CC79**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFABFF**, and **944192** is the 20% darker color. If you saturate the color by 10%, you get **CC61C7**, and if you desaturate by 10%, it is **CC89C9**.

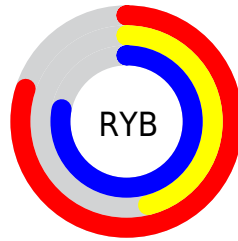
Distribution



Red (80%)

Green (46%)

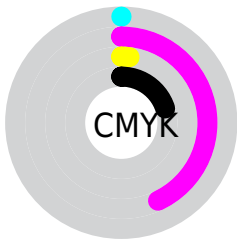
Blue (78%)



Red (80%)

Yellow (46%)

Blue (78%)

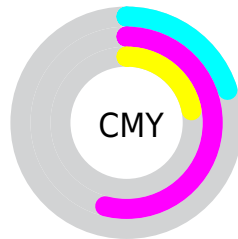


Cyan (0%)

Magenta (43%)

Yellow (2%)

Black (20%)



Cyan (20%)

Magenta (54%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC75C8 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 CC75C8 by changing the saturation by 10% instead.

 CC75C8

 CC75C8

FFFFFF

 B05BAD

 FFABFF

 944192

 FFC7FF

 792778

 FFE4FF

 5F065F

 450047

 2E0030

 08001A

 000000

 CC75C8

 CC75C8

 CC61C7

 CC89C9

 CC4CC6

 CC9ECA

 CC38C5

 CCB2CB

 CC23C4

 CCC7CC

 CC0FC3

 CCDBCD

 CC00C3

 CCEFCE

 CCFFCF

 CCFFD0

Harmonies

Analogous

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



9089EA



CC75C8



E96999

Triad

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



CC75C8



B1912D



00ABC0

Complementary

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



CC75C8



75CC79

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.



00AC8F



CC75C8



829F39

Square

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



CC75C8



D67E42



40A85F



00A6E5

Rectangle

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



CC75C8



ED6A79



40A85F



00ACB1

Sweetspot

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



CC75C8



FFDEFD



7875CC



806B7F



000000



808080

Same Dimension

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



CC75C8



FF7DF9



CC759E



665C66



A6009E



260024

Inverse Universe

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



CC75C8



FF7DF9



75CCA3



665C66



A6009E



260024

Previews

White Background



This preview shows how the Hex color CC75C8 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

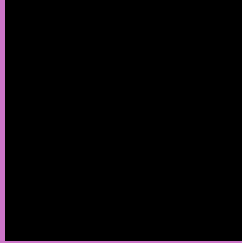
Any Text WCAG AA ✓ Pass

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 CC75C8 Background



This preview shows how black text looks on a background with the Hex color CC75C8.

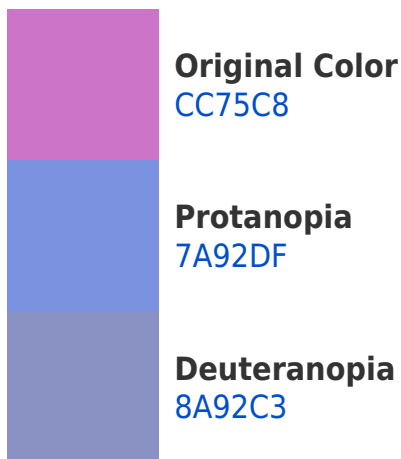



This preview shows how white text looks on a background with the Hex color CC75C8.

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
C4828C

Trichromacy



Original Color
CC75C8



Protanomaly
9887D7



Deuteranomaly
A287C5



Tritanomaly
C77DA2

Monochromacy



Original Color
CC75C8



Achromatopsia
989898



Achromatomaly
AB8BA9

CSS Examples

Text

The CSS property to change the color of the text to Hex CC75C8 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 #CC75C8 looks like.

```
.text, #text, p{  
    color:#CC75C8  
}
```

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 #CC75C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC75C8  
}
```

Border

The CSS property to change the border of an element to Hex CC75C8 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  
#CC75C8 }
```

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

```
.border{ border-color:#CC75C8 }
```

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

Here you see how a box with a 4 pixel #CC75C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC75C8; -webkit-box-shadow:4px 4px  
4px 4px #CC75C8; box-shadow:4px 4px 4px  
4px #CC75C8 }
```

Background

The CSS property to change the background color of an element to Hex CC75C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC75C8 }
```

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

```
.background{ background-color:#CC75C8 }
```

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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