

Converting Colors

Hex(C689D5)

Have a look what the booklet for
Hex(C689D5) contains.

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Color

Hex(C689D5)

Conversions

Conversions Part 1

Format	Color
Hex	C689D5
RGB	198, 137, 213
RGB Percent	78%, 54%, 84%
CMY	0.2235, 0.4627, 0.1647
CMYK	0.07, 0.36, 0.00, 0.16
HSL	288°, 48%, 69%
HSV	288°, 36%, 84%
XYZ	44.2446, 34.7012, 67.3168
YIQ	163.9030, 11.9600, 36.5680

Conversions

Conversions Part 2

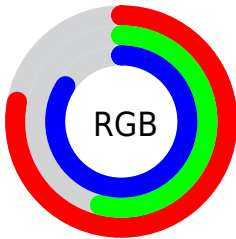
Format	Color
RYB	198, 137, 213
Decimal	13011413
CIELab	65.52, 36.15, -29.84
CIELCh	66, 46.869, 320.462
Yxy	34.7012, 0.3025, 0.2373
Android (android.graphics.Color)	4291201493 (0xFFC689D5)
YUV	163.9030, 24.2048, 29.9031
Hunter-Lab	58.9077, 30.9799, -26.5183

Details

The Hex color **C689D5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **98D589**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBFFF**, and **8F569E** is the 20% darker color. If you saturate the color by 10%, you get **C274D5**, and if you desaturate by 10%, it is **CA9ED5**.

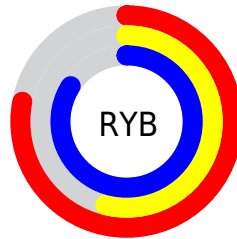
Distribution



Red (78%)

Green (54%)

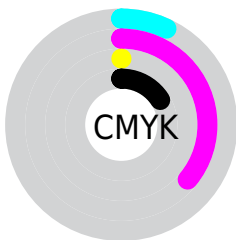
Blue (84%)



Red (78%)

Yellow (54%)

Blue (84%)

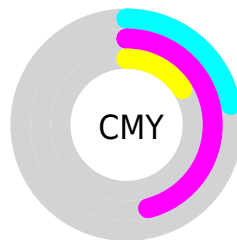


Cyan (7%)

Magenta (36%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (46%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color C689D5 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 C689D5 by changing the saturation by 10% instead.

 C689D5

 C689D5

FFFFFF

 AA6FB9

 FFBFFF

 8F569E

 FFDBFF

 743D84

 FFF8FF

 5B256A

 420B52

 2A003A

 0F0024

 00000C

 000000

 C689D5

 C689D5

 C274D5

 CA9ED5

 BE5ED5

 CEB4D5

 B949D5

 D3C9D5

 B534D5

 D7DED5

 B11ED5

 DBF4D5

 AD09D5

 DFFFD5

 AB00D5

 E3FFD5

 E8FFD5

 ECFFD5

Harmonies

Analogous

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



8D99EE



C689D5



E67DAE

Triad

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



C689D5



C4984B



00B4BB

Complementary

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



C689D5



98D589

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.



16B490



C689D5



9CA64D

Square

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



C689D5



E18960



6BAF68



00B1DF

Rectangle

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



C689D5



EE7C92



6BAF68



00B5AD

Sweetspot

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



C689D5



F9E3FF



8998D5



7C6F80



000000



808080

Same Dimension

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



C689D5



E991FF



D589BE



69606B



8900AB



23002B

Inverse Universe

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



D58998



FF91A7



89D5A0



6B6063



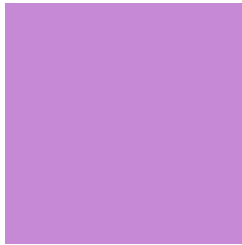
AB0022



2B0009

Previews

White Background



This preview shows how the Hex color C689D5 looks on a white background.

Color Contrast Check

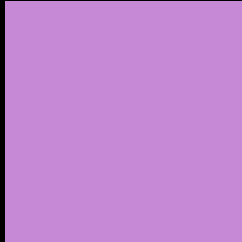
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C689D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

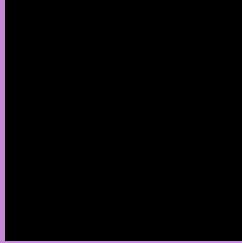
Any Text WCAG AA ✓ Pass

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 C689D5 Background



This preview shows how black text looks on a background with the Hex color C689D5.

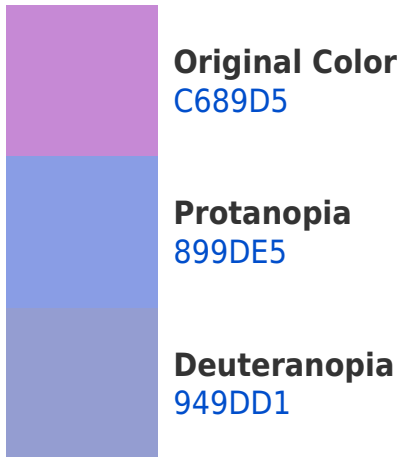


This preview shows how white text looks on a background with the Hex color C689D5.

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
BE949F

Trichromacy



Original Color
C689D5



Protanomaly
9F96DF



Deuteranomaly
A696D2



Tritanomaly
C190B3

Monochromacy



Original Color
C689D5



Achromatopsia
A4A4A4



Achromatomaly
B09AB6

CSS Examples

Text

The CSS property to change the color of the text to Hex C689D5 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 #C689D5 looks like.

```
.text, #text, p{  
    color:#C689D5  
}
```

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 #C689D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C689D5
}
```

Border

The CSS property to change the border of an element to Hex C689D5 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
#C689D5 }
```

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

```
.border{ border-color:#C689D5 }
```

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

Here you see how a box with a 4 pixel #C689D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C689D5; -webkit-box-shadow:4px 4px  
4px 4px #C689D5; box-shadow:4px 4px 4px  
4px #C689D5 }
```

Background

The CSS property to change the background color of an element to Hex C689D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C689D5 }
```

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

```
.background{ background-color:#C689D5 }
```

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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