

# Converting Colors

Hex(C580C6)

Have a look what the booklet for  
Hex(C580C6) contains.

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# **Color**

**Hex(C580C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C580C6
RGB	197, 128, 198
RGB Percent	77%, 50%, 78%
CMY	0.2275, 0.4980, 0.2235
CMYK	0.01, 0.35, 0.00, 0.22
HSL	299°, 38%, 64%
HSV	299°, 35%, 78%
XYZ	40.9382, 31.3859, 57.3265
YIQ	156.6110, 18.6540, 36.3980

# Conversions

## Conversions Part 2

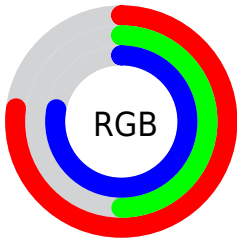
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 128, 198
Decimal	12943558
CIELab	62.83, 37.81, -25.58
CIELCh	63, 45.648, 325.920
Yxy	31.3859, 0.3158, 0.2421
Android (android.graphics.Color)	4291133638 (0xFFC580C6)
YUV	156.6110, 20.4048, 35.4212
Hunter-Lab	56.0231, 32.3962, -21.4532

# Details

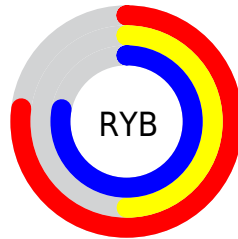
The Hex color **C580C6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81C680**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB6FF**, and **8E4D90** is the 20% darker color. If you saturate the color by 10%, you get **C56CC6**, and if you desaturate by 10%, it is **C594C6**.

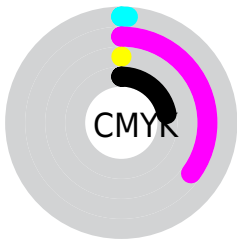
# Distribution



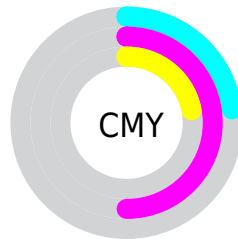
- Red (77%)
- Green (50%)
- Blue (78%)



- Red (77%)
- Yellow (50%)
- Blue (78%)



- Cyan (1%)
- Magenta (35%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (50%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C580C6 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 C580C6 by changing the saturation by 10% instead.



 C580C6

 C580C6

FFFFFF

 A966AB

 FFB6FF

 8E4D90

 FFD2FF

 733476

 FFEFFF

 5A1B5D

 410045

 2A002F

 030019

 000000

 C580C6

 C580C6

 C56CC6

 C594C6

 C458C6

 C6A8C6

 C445C6

 C6BBC6

 C431C6

 C6CFC6

 C41DC6

 C6E3C6

 C309C6

 C7F7C6

 C300C6

 C7FFC6

 C8FFC6

# Harmonies

## Analogous

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



9290E1



C580C6



E0769F

# Triad

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



C580C6



B59445



00ACBA

# Complementary

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



C580C6



81C680

# 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.



00AC91



C580C6



8DA04C

# Square

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



C580C6



D48556



5BA869



00A8DA

# Rectangle

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



C580C6



E57784



5BA869



00ADAD



# Sweetspot

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



C580C6



FFE3FF



8081C6



7F6F80



000000



808080



# Same Dimension

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



C580C6



FD94FF



C680A4



635A63



A100A3



230024



# Inverse Universe

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



C68081



FF9495



80C6A2



635A5A



A30002

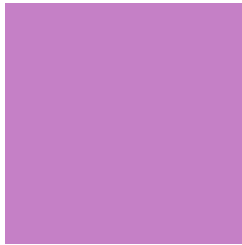


240001



# Previews

## White Background



This preview shows how the Hex color C580C6 looks on a white background.

## Color Contrast Check

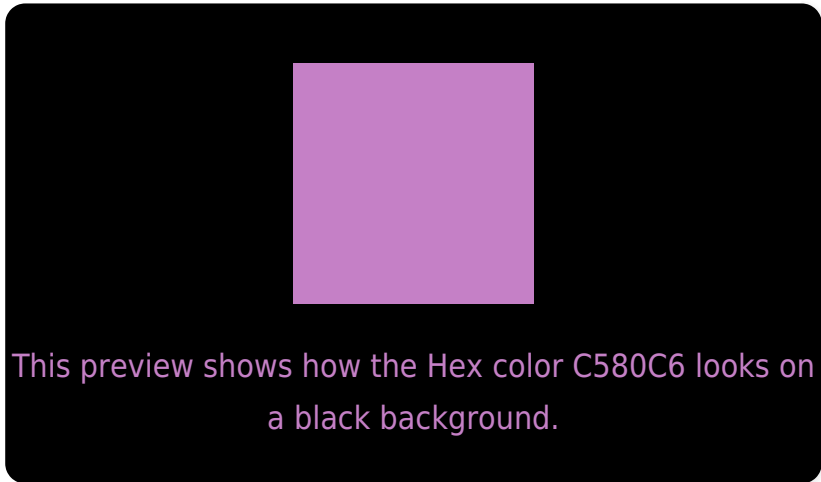
Large Text (above 18pt) WCAG AA × Fail

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

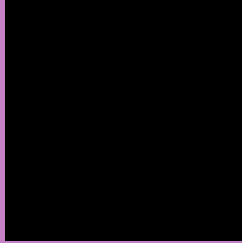
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C580C6 Background



This preview shows how black text looks on a background with the Hex color C580C6.

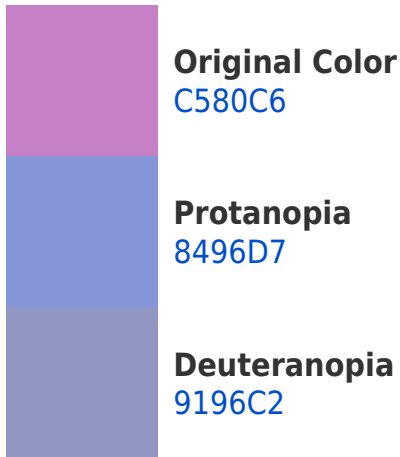



This preview shows how white text looks on a background with the Hex color C580C6.

# 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**  
BE8A95

# Trichromacy



**Original Color**  
C580C6



**Protanomaly**  
9C8ED1



**Deuteranomaly**  
A48EC3

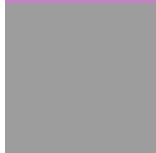


**Tritanomaly**  
C186A7

# Monochromacy



**Original Color**  
C580C6



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
AC92AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C580C6 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 #C580C6 looks like.

```
.text, #text, p{  
    color:#C580C6  
}
```

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 #C580C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C580C6
}
```

## Border

The CSS property to change the border of an element to Hex C580C6 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
#C580C6 }
```

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

```
.border{ border-color:#C580C6 }
```

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

Here you see how a box with a 4 pixel #C580C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C580C6; -webkit-box-shadow:4px 4px  
4px 4px #C580C6; box-shadow:4px 4px 4px  
4px #C580C6 }
```

# Background

The CSS property to change the background color of an element to Hex C580C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C580C6 }
```

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

```
.background{ background-color:#C580C6 }
```

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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