

Converting Colors

Hex(C580E0)

Have a look what the booklet for
Hex(C580E0) contains.

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Color

Hex(C580E0)

Conversions

Conversions Part 1

Format	Color
Hex	C580E0
RGB	197, 128, 224
RGB Percent	77%, 50%, 88%
CMY	0.2275, 0.4980, 0.1216
CMYK	0.12, 0.43, 0.00, 0.12
HSL	283°, 61%, 69%
HSV	283°, 43%, 88%
XYZ	44.1997, 32.6905, 74.5013
YIQ	159.5750, 10.3080, 44.4840

Conversions

Conversions Part 2

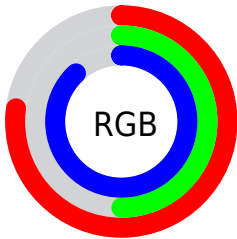
Format	Color
RYB	197, 128, 224
Decimal	12943584
CIELab	63.91, 42.94, -38.46
CIElCh	64, 57.644, 318.146
Yxy	32.6905, 0.2920, 0.2159
Android (android.graphics.Color)	4291133664 (0xFFC580E0)
YUV	159.5750, 31.7615, 32.8217
Hunter-Lab	57.1756, 37.9324, -37.2335

Details

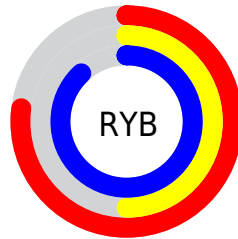
The Hex color **C580E0** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9BE080**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB6FF**, and **8D4DA8** is the 20% darker color. If you saturate the color by 10%, you get **BF6AE0**, and if you desaturate by 10%, it is **CB96E0**.

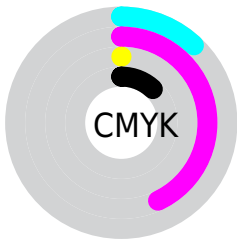
Distribution



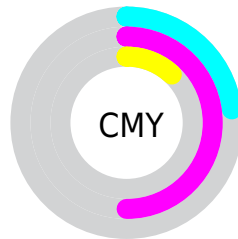
- Red (77%)
- Green (50%)
- Blue (88%)



- Red (77%)
- Yellow (50%)
- Blue (88%)



- Cyan (12%)
- Magenta (43%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (50%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color C580E0 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 C580E0 by changing the saturation by 10% instead.

 C580E0

 C580E0

FFFFFF

 A966C4

 FFB6FF

 8D4DA8

 FFD2FF

 73338E

 FFEFFF

 581A74

 3F005B

 260043

 05002C

 000116

 000000

 C580E0

 C580E0

 BF6AE0

 CB96E0

 B853E0

 D2ADE0

 B23DE0

 D8C3E0

 AC26E0

 DEDAE0

 A610E0

 E5F0E0

 A100E0

 EBFFE0

 F1FFE0

 F7FFE0

 FEFFE0

Harmonies

Analogous

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



7796FD



C580E0



EE6FB1

Triad

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



C580E0



C89130



00B4B9

Complementary

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



C580E0



9BE080

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.



00B384



C580E0



98A231

Square

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



C580E0



EA7D50



5CAD53



00B0E6

Rectangle

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



C580E0



F96C8F



5CAD53



00B4A8

Sweetspot

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



C580E0



F6DEFF



809BE0



7A6B80



000000



808080

Same Dimension

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



C580E0



DA7DFF



E080CB



6D6570



7E00B0



230030

Inverse Universe

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



E0809B



FF7DA2



80E095



706568



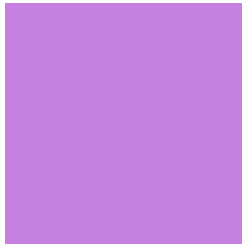
B00031



30000E

Previews

White Background



This preview shows how the Hex color C580E0 looks on a white background.

Color Contrast Check

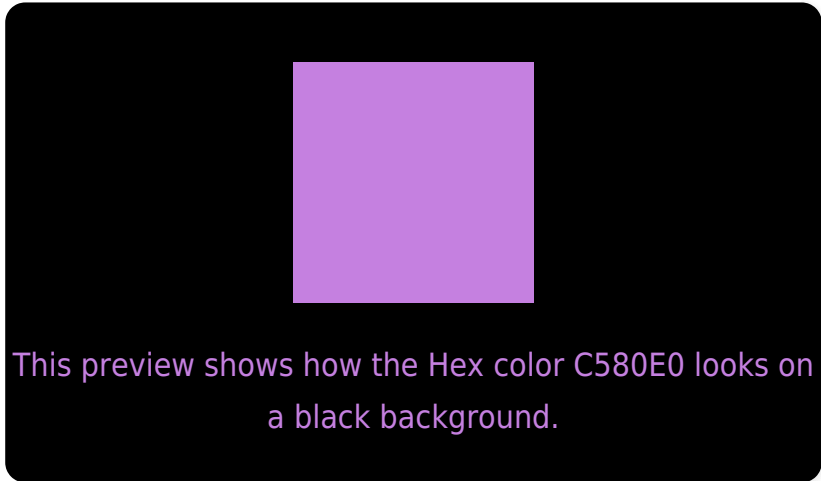
Large Text (above 18pt) WCAG AA × Fail

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

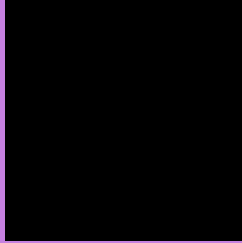
Any Text WCAG AA ✓ Pass

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 C580E0 Background



This preview shows how black text looks on a background with the Hex color C580E0.

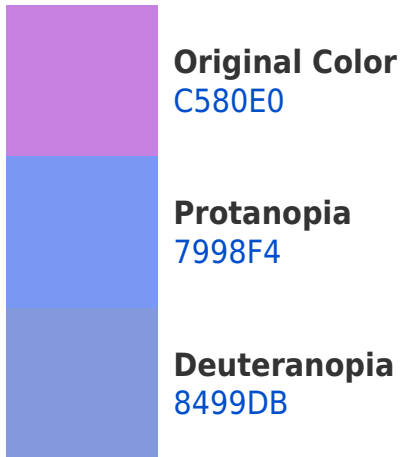


This preview shows how white text looks on a background with the Hex color C580E0.

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
BB8F9A

Trichromacy



Original Color
C580E0



Protanomaly
958FED



Deuteranomaly
9C90DD



Tritanomaly
BF8AB3

Monochromacy



Original Color
C580E0



Achromatopsia
A0A0A0



Achromatomaly
AD94B7

CSS Examples

Text

The CSS property to change the color of the text to Hex C580E0 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 #C580E0 looks like.

```
.text, #text, p{  
    color:#C580E0  
}
```

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 #C580E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C580E0
}
```

Border

The CSS property to change the border of an element to Hex C580E0 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
#C580E0 }
```

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

```
.border{ border-color:#C580E0 }
```

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

Here you see how a box with a 4 pixel #C580E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C580E0; -webkit-box-shadow:4px 4px  
4px 4px #C580E0; box-shadow:4px 4px 4px  
4px #C580E0 }
```

Background

The CSS property to change the background color of an element to Hex C580E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C580E0 }
```

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

```
.background{ background-color:#C580E0 }
```

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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