

Converting Colors

Hex(C58AE0)

Have a look what the booklet for
Hex(C58AE0) contains.

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Color

Hex(C58AE0)

Conversions

Conversions Part 1

Format	Color
Hex	C58AE0
RGB	197, 138, 224
RGB Percent	77%, 54%, 88%
CMY	0.2275, 0.4588, 0.1216
CMYK	0.12, 0.38, 0.00, 0.12
HSL	281°, 58%, 71%
HSV	281°, 38%, 88%
XYZ	45.5690, 35.4291, 74.9578
YIQ	165.4450, 7.5580, 39.2540

Conversions

Conversions Part 2

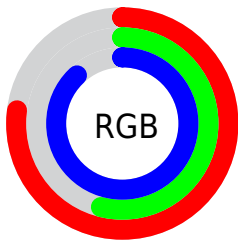
Format	Color
RYB	197, 138, 224
Decimal	12946144
CIELab	66.08, 37.53, -35.08
CIELCh	66, 51.373, 316.938
Yxy	35.4291, 0.2922, 0.2272
Android (android.graphics.Color)	4291136224 (0xFFC58AE0)
YUV	165.4450, 28.8676, 27.6737
Hunter-Lab	59.5223, 32.4915, -32.9995

Details

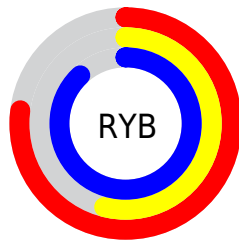
The Hex color **C58AE0** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A5E08A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC0FF**, and **8E57A8** is the 20% darker color. If you saturate the color by 10%, you get **BE74E0**, and if you desaturate by 10%, it is **CCA0E0**.

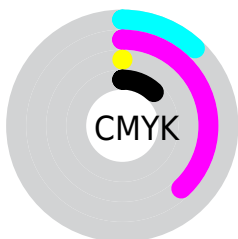
Distribution



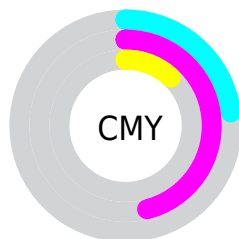
- Red (77%)
- Green (54%)
- Blue (88%)



- Red (77%)
- Yellow (54%)
- Blue (88%)



- Cyan (12%)
- Magenta (38%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (46%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color C58AE0 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 C58AE0 by changing the saturation by 10% instead.

 C58AE0

 C58AE0

FFFFFF

 A970C4

 FFC0FF

 8E57A8

 FFDDFF

 733E8E

 FFF9FF

 592674

 400C5B

 270043

 0E002C

 000116

 000000

 C58AE0

 C58AE0

 BE74E0

 CCA0E0

 B75DE0

 D3B7E0

 B047E0

 DACDE0

 A930E0

 E1E4E0

 A21AE0

 E8FAE0

 9B04E0

 EFFFEO

 9A00E0

 F6FFEO

 FDFFE0

 FFFFEO

Harmonies

Analogous

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



819CF9



C58AE0



EB7BB7

Triad

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



C58AE0



CC9744



00B8BA

Complementary

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



C58AE0



A5E08A

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.



00B68A



C58AE0



A2A644

Square

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



C58AE0



EB865F



6DB15F



00B4E3

Rectangle

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



C58AE0



F67998



6DB15F



00B8AA

Sweetspot

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



C58AE0



F5E0FF



8AA5E0



7A6E80



000000



808080

Same Dimension

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



C58AE0



DA8AFF



E08AD0



6D6570



7900B0



210030

Inverse Universe

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



E08AA5



FF8AAF



8AE09A



706569



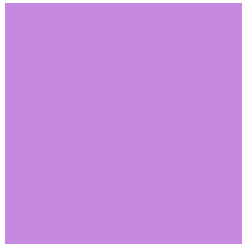
B00037



30000F

Previews

White Background



This preview shows how the Hex color C58AE0 looks on a white background.

Color Contrast Check

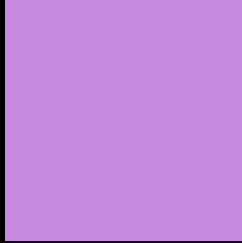
Large Text (above 18pt) WCAG AA × Fail

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 C58AE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

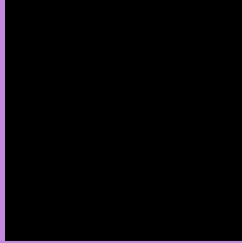
Any Text WCAG AA ✓ Pass

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 C58AE0 Background



This preview shows how black text looks on a background with the Hex color C58AE0.

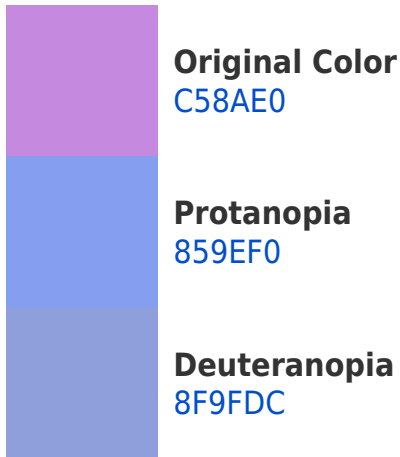


This preview shows how white text looks on a background with the Hex color C58AE0.

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
BC97A3

Trichromacy



Original Color
C58AE0



Protanomaly
9C97EA



Deuteranomaly
A397DD

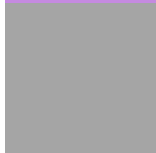


Tritanomaly
BF92B9

Monochromacy



Original Color
C58AE0



Achromatopsia
A5A5A5



Achromatomaly
B19BBA

CSS Examples

Text

The CSS property to change the color of the text to Hex C58AE0 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 #C58AE0 looks like.

```
.text, #text, p{  
    color:#C58AE0  
}
```

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 #C58AE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C58AE0
}
```

Border

The CSS property to change the border of an element to Hex C58AE0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

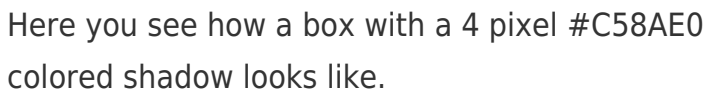
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C58AE0 }
```

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

```
.border{ border-color:#C58AE0 }
```

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



Here you see how a box with a 4 pixel `#C58AE0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C58AE0; -webkit-box-shadow:4px 4px  
4px 4px #C58AE0; box-shadow:4px 4px 4px  
4px #C58AE0 }
```

Background

The CSS property to change the background color of an element to Hex C58AE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C58AE0 }
```

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

```
.background{ background-color:#C58AE0 }
```

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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