

Converting Colors

Hex(C458A9)

Have a look what the booklet for
Hex(C458A9) contains.

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Color

Hex(C458A9)

Conversions

Conversions Part 1

Format	Color
Hex	C458A9
RGB	196, 88, 169
RGB Percent	77%, 35%, 66%
CMY	0.2314, 0.6549, 0.3373
CMYK	0.00, 0.55, 0.14, 0.23
HSL	315°, 48%, 56%
HSV	315°, 55%, 77%
XYZ	33.4161, 21.5798, 39.9402
YIQ	129.5260, 38.3670, 48.0870

Conversions

Conversions Part 2

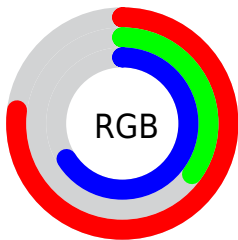
Format	Color
R _Y B	196, 88, 169
Decimal	12867753
CIE Lab	53.58, 52.99, -23.21
CIE LCh	54, 57.845, 336.349
Yxy	21.5798, 0.3520, 0.2273
Android (android.graphics.Color)	4291057833 (0xFFC458A9)
YUV	129.5260, 19.4607, 58.2977
Hunter-Lab	46.4540, 47.1070, -18.4585

Details

The Hex color **C458A9** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **58C473**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8EE0**, and **8C1F75** is the 20% darker color. If you saturate the color by 10%, you get **C444A4**, and if you desaturate by 10%, it is **C46CAE**.

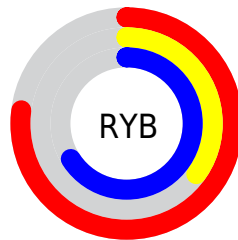
Distribution



Red (77%)

Green (35%)

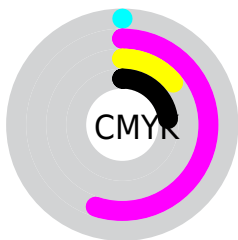
Blue (66%)



Red (77%)

Yellow (35%)

Blue (66%)

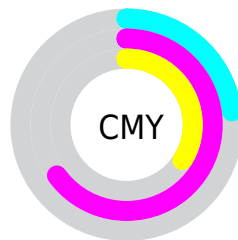


Cyan (0%)

Magenta (55%)

Yellow (14%)

Black (23%)



Cyan (23%)

Magenta (65%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color C458A9 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 C458A9 by changing the saturation by 10% instead.

 C458A9

 C458A9

FFFFFF

 A73D8E

 FF8EE0

 8C1F75

 FFAAFD

 70005C

 FFC6FF

 550044

 FFE3FF

 3C002E

 220018

 000000

 C458A9

 C458A9

 C444A4

 C46CAE

 C4319F

 C47FB3

 C41D9A

 C493B8

 C40A95

 C4A6BD

 C40093

 C4BAC2

 C4CEC6

 C4E1CB

 C4F5D0

 C4FFD5

Harmonies

Analogous

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



8F6ED1



C458A9



D94E77

Triad

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



C458A9



8F8106



0096BA

Complementary

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



C458A9



58C473

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.



00978A



C458A9



5A8E27

Square

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



C458A9



B86F1F



009556



0090DB

Rectangle

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



C458A9



D85457



009556



0097AB

Sweetspot

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



C458A9



FFD4F4



7358C4



806679



000000



808080

Same Dimension

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



C458A9



FF57D5



C45873



61575E



A10078



210019

Inverse Universe

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



C458A9



FF57D5



58C4A9



61575E



A10078



210019

Previews

White Background



This preview shows how the Hex color C458A9 looks on a white background.

Color Contrast Check

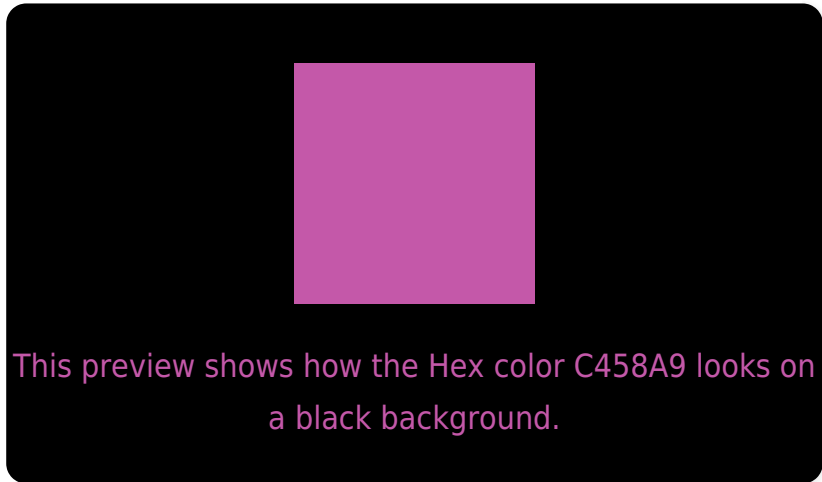
Large Text (above 18pt) WCAG AA ✓ Pass

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 C458A9 Background



This preview shows how black text looks on a background with the Hex color C458A9.

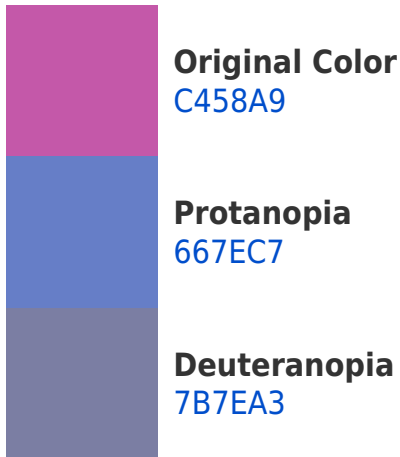



This preview shows how white text looks on a background with the Hex color C458A9.

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](#).

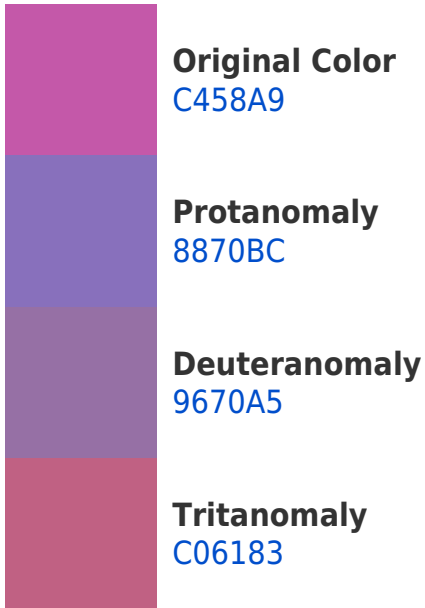
Dichromacy



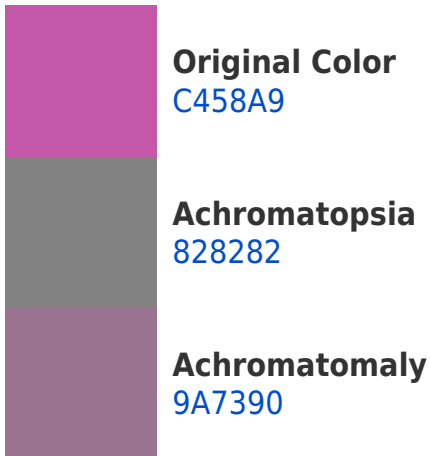


Tritanopia
BE666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C458A9 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 #C458A9 looks like.

```
.text, #text, p{  
    color:#C458A9  
}
```

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 #C458A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C458A9
}
```

Border

The CSS property to change the border of an element to Hex C458A9 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
#C458A9 }
```

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

```
.border{ border-color:#C458A9 }
```

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

Here you see how a box with a 4 pixel #C458A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C458A9; -webkit-box-shadow:4px 4px  
4px 4px #C458A9; box-shadow:4px 4px 4px  
4px #C458A9 }
```

Background

The CSS property to change the background color of an element to Hex C458A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C458A9 }
```

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

```
.background{ background-color:#C458A9 }
```

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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