

Converting Colors

Hex(CA60CE)

Have a look what the booklet for Hex(CA60CE) contains.

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Color

Hex(CA60CE)

Conversions

Conversions Part 1

Format	Color
Hex	CA60CE
RGB	202, 96, 206
RGB Percent	79%, 38%, 81%
CMY	0.2078, 0.6235, 0.1922
CMYK	0.02, 0.53, 0.00, 0.19
HSL	298°, 53%, 59%
HSV	298°, 53%, 81%
XYZ	39.6806, 25.3785, 61.1997
YIQ	140.2340, 27.8660, 56.6820

Conversions

Conversions Part 2

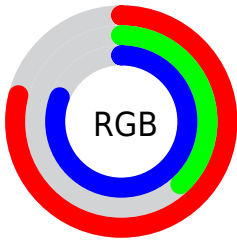
Format	Color
R_{YB}	202, 96, 206
Decimal	13263054
CIE _{Lab}	57.44, 57.13, -38.43
CIE _{LCh}	57, 68.854, 326.074
Yxy	25.3785, 0.3143, 0.2010
Android (android.graphics.Color)	4291453134 (0xFFCA60CE)
YUV	140.2340, 32.4226, 54.1688
Hunter-Lab	50.3771, 52.4393, -36.7633

Details

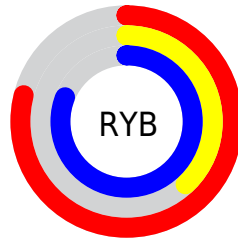
The Hex color **CA60CE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **64CE60**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF97FF**, and **912897** is the 20% darker color. If you saturate the color by 10%, you get **C94BCE**, and if you desaturate by 10%, it is **CB75CE**.

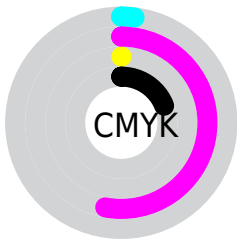
Distribution



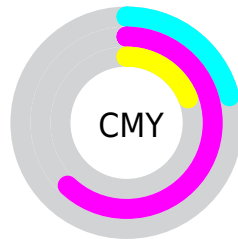
- Red (79%)
- Green (38%)
- Blue (81%)



- Red (79%)
- Yellow (38%)
- Blue (81%)



- Cyan (2%)
- Magenta (53%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (62%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA60CE 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 CA60CE by changing the saturation by 10% instead.

■ CA60CE

■ CA60CE

FFFFFF

■ AD45B2

■ FF97FF

■ 912897

■ FFB3FF

■ 76007D

■ FFCFFF

■ 5B0064

■ FFEDFF

■ 40004B

■ 280034

■ 00001D

■ 000000

■ CA60CE

■ CA60CE

 C94BCE

 CB75CE

 C937CE

 CB89CE

 C822CE

 CC9ECE

 C70ECE

 CDB2CE

 C700CE

 CEC7CE

 CEDCCE

 CFF0CE

 D0FFCE

 D1FFCE

Harmonies

Analogous

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



777DF7



CA60CE



EF4A95

Triad

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



CA60CE



AC8500



00A5BD

Complementary

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



CA60CE



64CE60

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.



00A580



CA60CE



729600

Square

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



CA60CE



D86B21



00A042



00A0ED

Rectangle

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



CA60CE



F44B6C



00A042



00A5AA

Sweetspot

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



CA60CE



FED6FF



6065CE



7F6780



000000



808080

Same Dimension

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



CA60CE



F95CFF



CE609C



665C66



A000A6



250026

Inverse Universe

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



CE6064



FF5C62



60CE92



665C5C



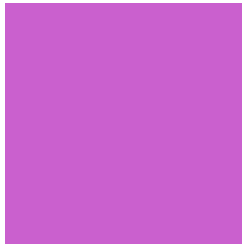
A60006



260001

Previews

White Background



This preview shows how the Hex color CA60CE looks on a white background.

Color Contrast Check

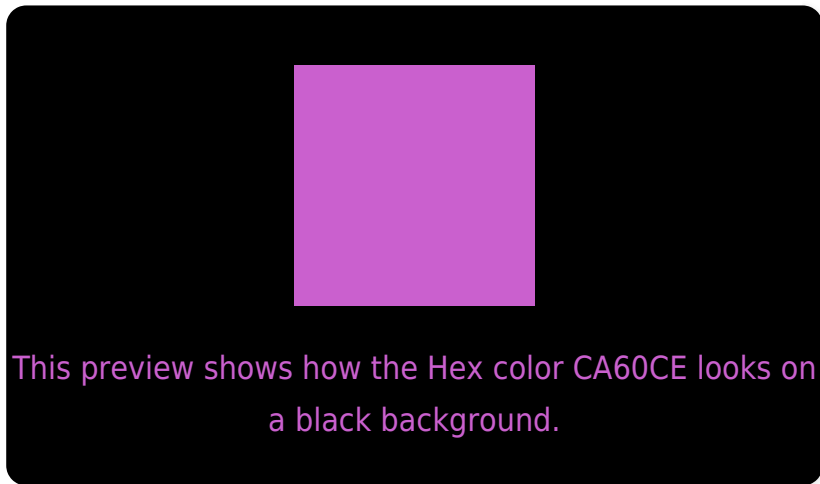
Large Text (above 18pt) WCAG AA ✓ Pass

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

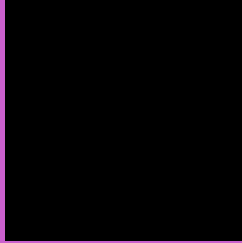
Any Text WCAG AA ✓ Pass

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 CA60CE Background



This preview shows how black text looks on a background with the Hex color CA60CE.

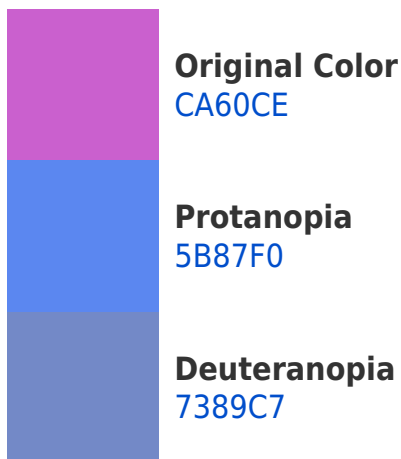


This preview shows how white text looks on a background with the Hex color CA60CE.

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](#).

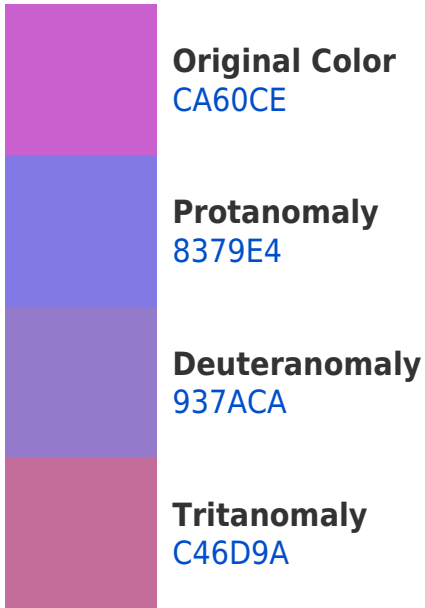
Dichromacy



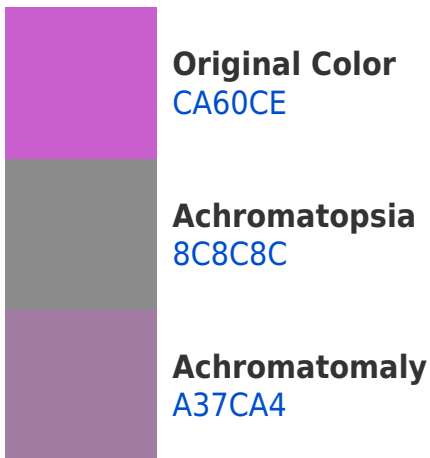


Tritanopia
C0757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA60CE 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 #CA60CE looks like.

```
.text, #text, p{  
    color:#CA60CE  
}
```

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 #CA60CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA60CE
}
```

Border

The CSS property to change the border of an element to Hex CA60CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

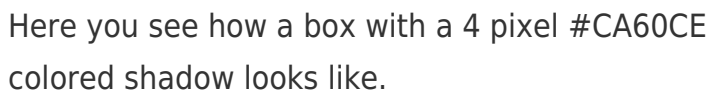
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA60CE }
```

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

```
.border{ border-color:#CA60CE }
```

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



Here you see how a box with a 4 pixel `#CA60CE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA60CE; -webkit-box-shadow:4px 4px  
4px 4px #CA60CE; box-shadow:4px 4px 4px  
4px #CA60CE }
```

Background

The CSS property to change the background color of an element to Hex CA60CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA60CE }
```

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

```
.background{ background-color:#CA60CE }
```

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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