

Converting Colors

Hex(CA6CB3)

Have a look what the booklet for
Hex(CA6CB3) contains.

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Color

Hex(CA6CB3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CA6CB3 |
| RGB | 202, 108, 179 |
| RGB Percent | 79%, 42%, 70% |
| CMY | 0.2078, 0.5765, 0.2980 |
| CMYK | 0.00, 0.47, 0.11, 0.21 |
| HSL | 315°, 47%, 61% |
| HSV | 315°, 47%, 79% |
| XYZ | 37.8564, 26.5364, 45.7746 |
| YIQ | 144.2000, 33.2330, 42.0090 |

Conversions

Conversions Part 2

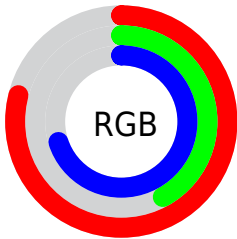
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 202, 108, 179 |
| Decimal | 13266099 |
| CIE _{Lab} | 58.54, 46.57, -21.30 |
| CIE _{LCh} | 59, 51.214, 335.420 |
| Yxy | 26.5364, 0.3436, 0.2409 |
| Android (android.graphics.Color) | 4291456179 (0xFFCA6CB3) |
| YUV | 144.2000, 17.1564, 50.6906 |
| Hunter-Lab | 51.5134, 41.0281, -16.6254 |

Details

The Hex color **CA6CB3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6CCA83**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA2EB**, and **92387E** is the 20% darker color. If you saturate the color by 10%, you get **CA58AE**, and if you desaturate by 10%, it is **CA80B8**.

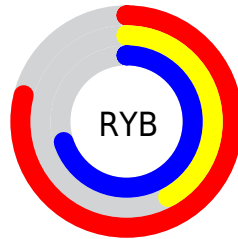
Distribution



Red (79%)

Green (42%)

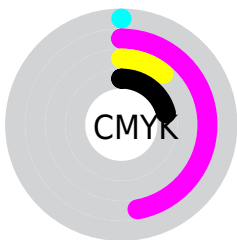
Blue (70%)



Red (79%)

Yellow (42%)

Blue (70%)

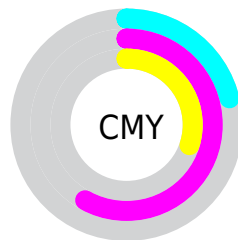


Cyan (0%)

Magenta (47%)

Yellow (11%)

Black (21%)



Cyan (21%)

Magenta (58%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA6CB3 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 CA6CB3 by changing the saturation by 10% instead.

CA6CB3

CA6CB3

FFFFFF

AE5298

FFA2EB

92387E

FFBEFF

771C65

FFDAFF

5C004D

FFF7FF

420036

2C0021

000004

000000

CA6CB3

CA6CB3

CA58AE

CA80B8

CA44A9

CA94BD

CA2FA4

CAA9C2

CA1B9F

CABDC7

CA079A

CAD1CC

CA0099

CAE5D1

CAF9D6

CAFFDB

CAFFDF

Harmonies

Analogous

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



9A7ED6



CA6CB3



DF6486

Triad

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



CA6CB3



9E8D2D



00A2C0

Complementary

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



CA6CB3



6CCA83

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.



00A394



CA6CB3



6F993F

Square

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



CA6CB3



C37D3A



26A066



009BDE

Rectangle

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



CA6CB3



DE6869



26A066



00A2B2

Sweetspot

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



CA6CB3



FFDBF6



826CCA



806A7A



000000



808080

Same Dimension

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



CA6CB3



FF70DC



CA6C85



665C64



A6007D



26001D

Inverse Universe

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



CA6CB3



FF70DC



6CCAB1



665C64



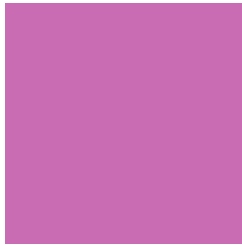
A6007D



26001D

Previews

White Background



This preview shows how the Hex color CA6CB3 looks on a white background.

Color Contrast Check

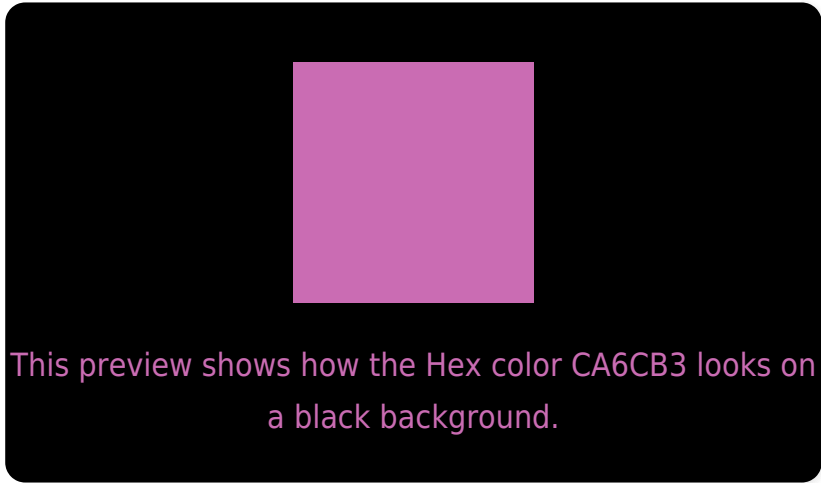
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA6CB3 Background



This preview shows how black text looks on a background with the Hex color CA6CB3.

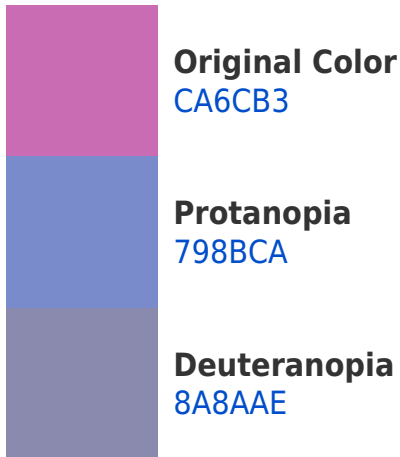


This preview shows how white text looks on a background with the Hex color CA6CB3.

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](#).

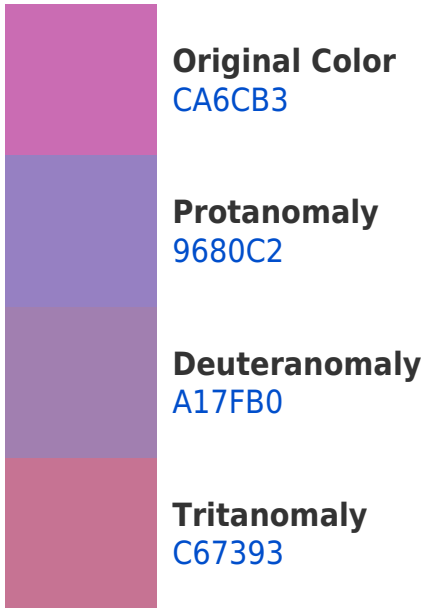
Dichromacy



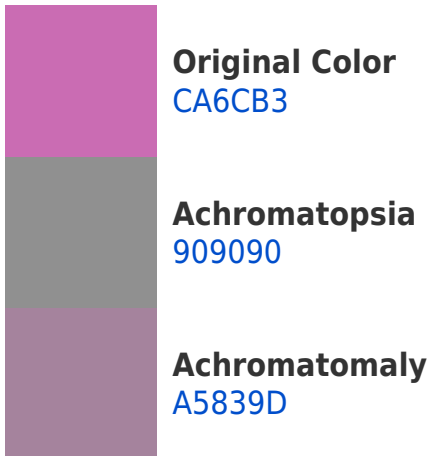


Tritanopia
C47780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA6CB3 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 #CA6CB3 looks like.

```
.text, #text, p{  
    color:#CA6CB3  
}
```

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 #CA6CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA6CB3  
}
```

Border

The CSS property to change the border of an element to Hex CA6CB3 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  
#CA6CB3 }
```

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

```
.border{ border-color:#CA6CB3 }
```

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

Here you see how a box with a 4 pixel #CA6CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA6CB3; -webkit-box-shadow:4px 4px  
4px 4px #CA6CB3; box-shadow:4px 4px 4px  
4px #CA6CB3 }
```

Background

The CSS property to change the background color of an element to Hex CA6CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA6CB3 }
```

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

```
.background{ background-color:#CA6CB3 }
```

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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