

Converting Colors

Hex(C068E3)

Have a look what the booklet for
Hex(C068E3) contains.

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Color

Hex(C068E3)

Conversions

Conversions Part 1

Format	Color
Hex	C068E3
RGB	192, 104, 227
RGB Percent	75%, 41%, 89%
CMY	0.2471, 0.5922, 0.1098
CMYK	0.15, 0.54, 0.00, 0.11
HSL	283°, 69%, 65%
HSV	283°, 54%, 89%
XYZ	40.5537, 26.6531, 75.6802
YIQ	144.3340, 12.9650, 56.9090

Conversions

Conversions Part 2

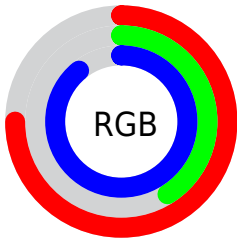
Format	Color
RYB	192, 104, 227
Decimal	12609763
CIELab	58.65, 54.64, -48.45
CIElCh	59, 73.028, 318.435
Yxy	26.6531, 0.2838, 0.1865
Android (android.graphics.Color)	4290799843 (0xFFC068E3)
YUV	144.3340, 40.7543, 41.8031
Hunter-Lab	51.6267, 49.8682, -50.7753

Details

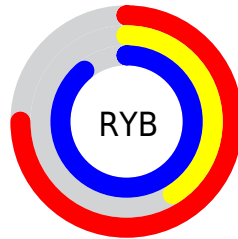
The Hex color **C068E3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8BE368**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FB9EFF**, and **8833AB** is the 20% darker color. If you saturate the color by 10%, you get **BA51E3**, and if you desaturate by 10%, it is **C67FE3**.

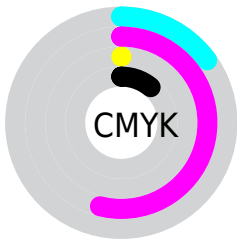
Distribution



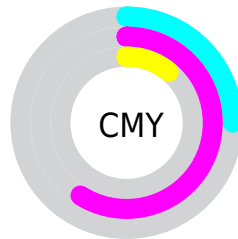
- Red (75%)
- Green (41%)
- Blue (89%)



- Red (75%)
- Yellow (41%)
- Blue (89%)



- Cyan (15%)
- Magenta (54%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (59%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C068E3 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 C068E3 by changing the saturation by 10% instead.

 C068E3

 C068E3

FFFFFF

 A44DC7

 FB9EFF

 8833AB

 FFBAFF

 6C1490

 FFD7FF

 510076

 FFF4FF

 36005C

 1E0044

 00002D

 000117

 000000

 C068E3

 C068E3

 BA51E3

 C67FE3

 B33BE3

 CD95E3

 AD24E3

 D3ACE3

 A60DE3

 DAC3E3

 A200E3

 E0DAE3

 E7F0E3

 EDFFE3

 F4FFE3

 FAFFE3

Harmonies

Analogous

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



4D87FF



C068E3



F24AA9

Triad

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



C068E3



BE8100



00AAB4

Complementary

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



C068E3



8BE368

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.



00A871



C068E3



849600

Square

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



C068E3



E9642C



2CA22F



00A7EC

Rectangle

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



C068E3



FD447E



2CA22F



00AA9E

Sweetspot

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



C068E3



F3D6FF



688DE3



796780



000000



808080

Same Dimension

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



C068E3



D059FF



E368CA



6F6773



8000B3



240033

Inverse Universe

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



E3688B



FF5988



68E381



73676B



B30033



33000F

Previews

White Background



This preview shows how the Hex color C068E3 looks on a white background.

Color Contrast Check

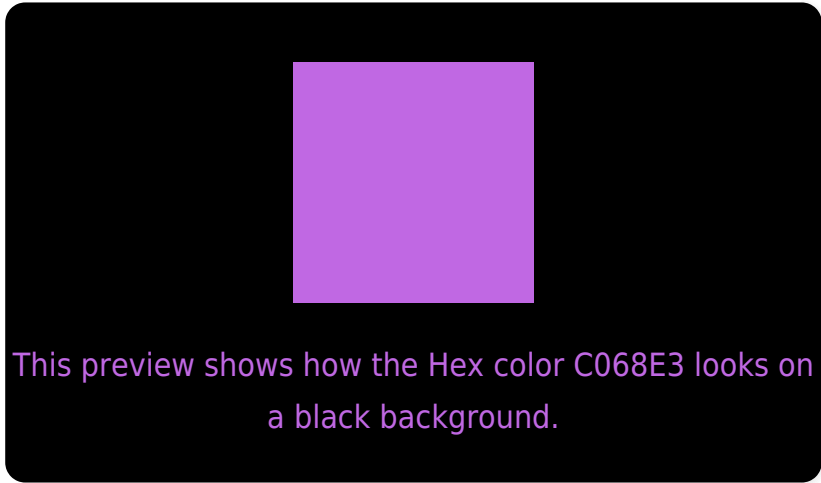
Large Text (above 18pt) WCAG AA ✓ Pass

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

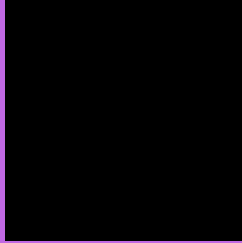
Any Text WCAG AA ✓ Pass

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 C068E3 Background



This preview shows how black text looks on a background with the Hex color C068E3.

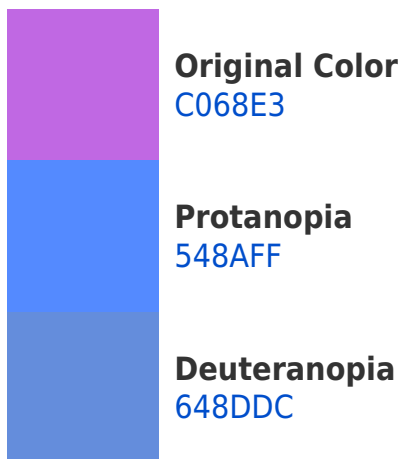


This preview shows how white text looks on a background with the Hex color C068E3.

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](#).

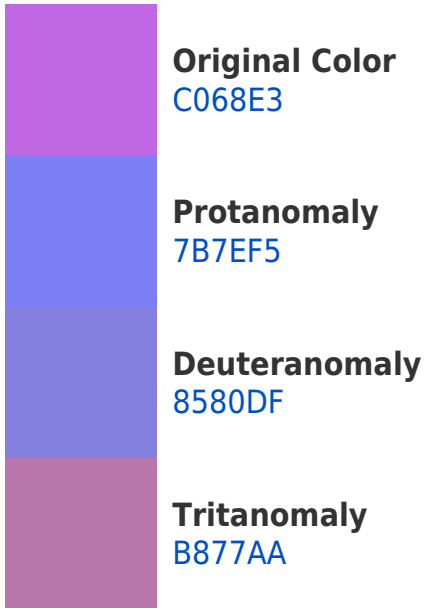
Dichromacy



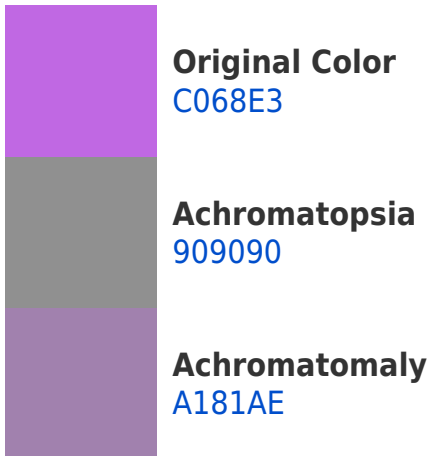


Tritanopia
B37F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C068E3 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 #C068E3 looks like.

```
.text, #text, p{  
    color:#C068E3  
}
```

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 #C068E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C068E3
}
```

Border

The CSS property to change the border of an element to Hex C068E3 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
#C068E3 }
```

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

```
.border{ border-color:#C068E3 }
```

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

Here you see how a box with a 4 pixel #C068E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C068E3; -webkit-box-shadow:4px 4px  
4px 4px #C068E3; box-shadow:4px 4px 4px  
4px #C068E3 }
```

Background

The CSS property to change the background color of an element to Hex C068E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C068E3 }
```

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

```
.background{ background-color:#C068E3 }
```

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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