

Converting Colors

Hex(C168E2)

Have a look what the booklet for
Hex(C168E2) contains.

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Color

Hex(C168E2)

Conversions

Conversions Part 1

Format	Color
Hex	C168E2
RGB	193, 104, 226
RGB Percent	76%, 41%, 89%
CMY	0.2431, 0.5922, 0.1137
CMYK	0.15, 0.54, 0.00, 0.11
HSL	284°, 68%, 65%
HSV	284°, 54%, 89%
XYZ	40.6701, 26.7291, 74.9672
YIQ	144.5190, 13.8820, 56.8100

Conversions

Conversions Part 2

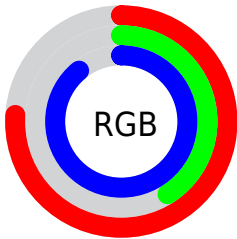
Format	Color
R_{YB}	193, 104, 226
Decimal	12675298
CIE _{Lab}	58.72, 54.69, -47.77
CIE _{LCh}	59, 72.620, 318.865
Yxy	26.7291, 0.2857, 0.1877
Android (android.graphics.Color)	4290865378 (0xFFC168E2)
YUV	144.5190, 40.1701, 42.5178
Hunter-Lab	51.7002, 49.9423, -49.7826

Details

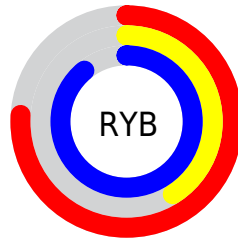
The Hex color **C168E2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **89E268**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FC9EFF**, and **8932AA** is the 20% darker color. If you saturate the color by 10%, you get **BB51E2**, and if you desaturate by 10%, it is **C77FE2**.

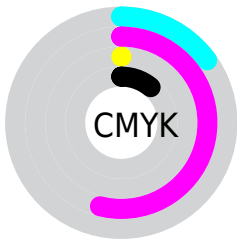
Distribution



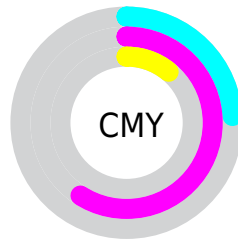
- Red (76%)
- Green (41%)
- Blue (89%)



- Red (76%)
- Yellow (41%)
- Blue (89%)



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



- Cyan (24%)
- Magenta (59%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C168E2 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 C168E2 by changing the saturation by 10% instead.

 C168E2

 C168E2

FFFFFF

 A44DC6

 FC9EFF

 8932AA

 FFBAFF

 6D148F

 FFD7FF

 520075

 FFF4FF

 37005C

 200044

 00002C

 000116

 000000

 C168E2

 C168E2

 BB51E2

 C77FE2

 B53BE2

 CD95E2

 AF24E2

 D3ACE2

 A90EE2

 D9C2E2

 A500E2

 E0D9E2

 E6F0E2

 ECFFE2

 F2FFE2

 F8FFE2

Harmonies

Analogous

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



5187FF



C168E2



F24BA8

Triad

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



C168E2



BD8200



00AAB5

Complementary

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



C168E2



89E268

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.



00A873



C168E2



849600

Square

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



C168E2



E8652C



2BA231



00A7ED

Rectangle

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



C168E2



FD467D



2BA231



00AA9F

Sweetspot

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



C168E2



F4D6FF



688BE2



796780



000000



808080

Same Dimension

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



C168E2



D259FF



E268C8



6D6570



8000B0



230030

Inverse Universe

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



E26889



FF5986



68E282



706568



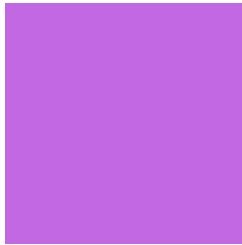
B00030



30000D

Previews

White Background



This preview shows how the Hex color C168E2 looks on a white background.

Color Contrast Check

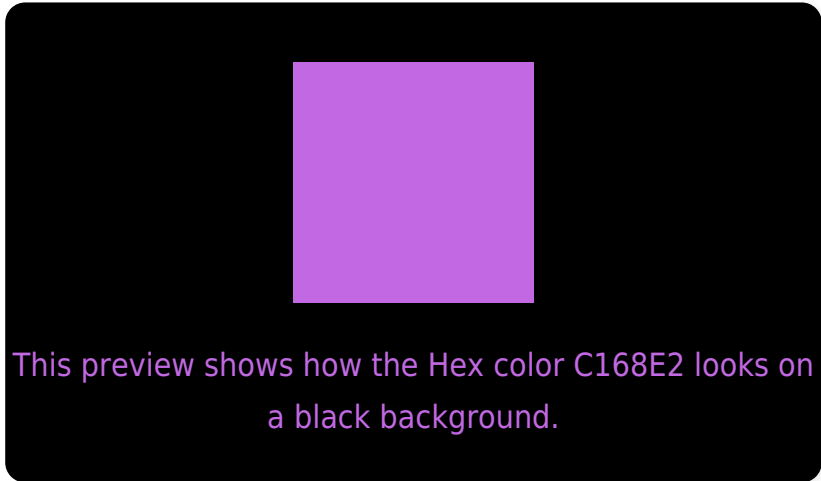
Large Text (above 18pt) WCAG AA ✓ Pass

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

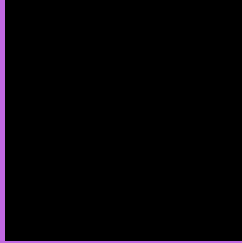
Any Text WCAG AA ✓ Pass

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 C168E2 Background



This preview shows how black text looks on a background with the Hex color C168E2.

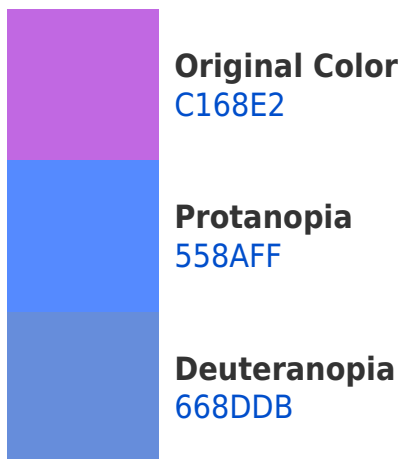


This preview shows how white text looks on a background with the Hex color C168E2.

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](#).

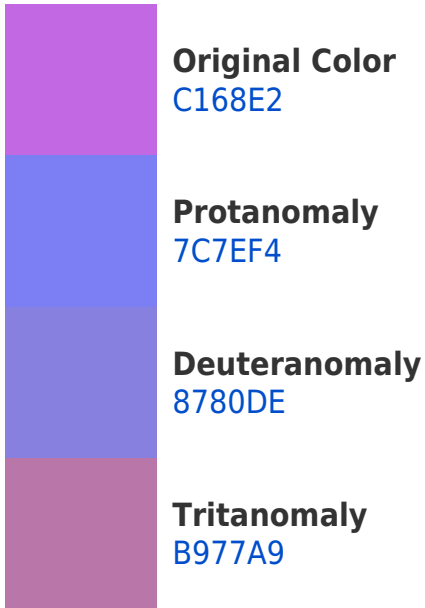
Dichromacy



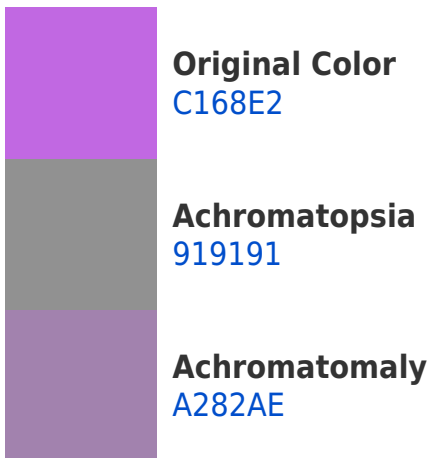


Tritanopia
B47F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C168E2 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 #C168E2 looks like.

```
.text, #text, p{  
    color:#C168E2  
}
```

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 #C168E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C168E2
}
```

Border

The CSS property to change the border of an element to Hex C168E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

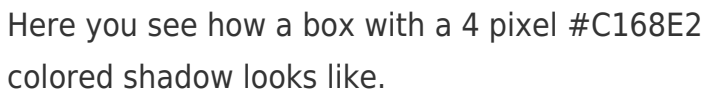
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C168E2 }
```

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

```
.border{ border-color:#C168E2 }
```

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



Here you see how a box with a 4 pixel #C168E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C168E2; -webkit-box-shadow:4px 4px  
4px 4px #C168E2; box-shadow:4px 4px 4px  
4px #C168E2 }
```

Background

The CSS property to change the background color of an element to Hex C168E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C168E2 }
```

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

```
.background{ background-color:#C168E2 }
```

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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