

Converting Colors

Hex(CB66F6)

Have a look what the booklet for
Hex(CB66F6) contains.

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Color

Hex(CB66F6)

Conversions

Conversions Part 1

Format	Color
Hex	CB66F6
RGB	203, 102, 246
RGB Percent	80%, 40%, 96%
CMY	0.2039, 0.6000, 0.0353
CMYK	0.17, 0.59, 0.00, 0.04
HSL	282°, 89%, 68%
HSV	282°, 59%, 96%
XYZ	46.0145, 28.8531, 90.3327
YIQ	148.6150, 13.9720, 66.1960

Conversions

Conversions Part 2

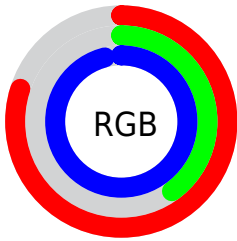
Format	Color
R _{YB}	203, 102, 246
Decimal	13330166
CIE _{Lab}	60.65, 62.21, -55.77
CIE _{LCh}	61, 83.548, 318.124
Yxy	28.8531, 0.2785, 0.1747
Android (android.graphics.Color)	4291520246 (0xFFCB66F6)
YUV	148.6150, 48.0108, 47.6956
Hunter-Lab	53.7151, 58.9091, -62.1076

Details

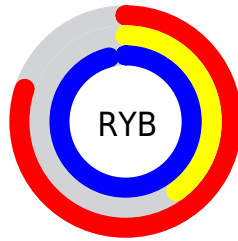
The Hex color **CB66F6** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **91F666**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF9DFF**, and **912EBD** is the 20% darker color. If you saturate the color by 10%, you get **C44DF6**, and if you desaturate by 10%, it is **D27FF6**.

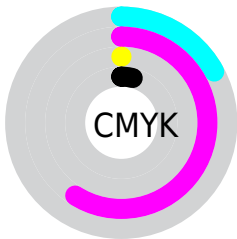
Distribution



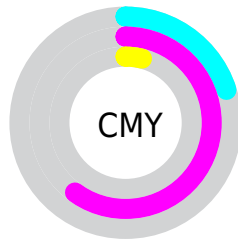
- Red (80%)
- Green (40%)
- Blue (96%)



- Red (80%)
- Yellow (40%)
- Blue (96%)



- Cyan (17%)
- Magenta (59%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (60%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB66F6 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 CB66F6 by changing the saturation by 10% instead.

 CB66F6

 CB66F6

FFFFFF

 AE4AD9

 FF9DFF

 912EBD

 FFBAFF

 7506A1

 FFD6FF

 590086

 FFF4FF

 3D006C

 240054

 00003B

 000224

 00000C

 CB66F6

 CB66F6

 C44DF6

 D27FF6

 BC35F6

 DA97F6

 B51CF6

 E1B0F6

 AE04F6

 E8C8F6

 AD00F6

 F0E1F6

 F7FAF6

 FEFFF6

 FFFFF6

Harmonies

Analogous

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



308CFF



CB66F6



FF3BB3

Triad

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



CB66F6



C98400



00B2BE

Complementary

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



CB66F6



91F666

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.



00B071



CB66F6



879C00

Square

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



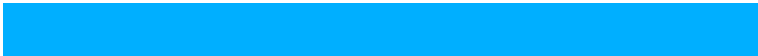
CB66F6



FA6120



05AA1F



00AFFF

Rectangle

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



CB66F6



FF3282



05AA1F



00B2A5

Sweetspot

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



CB66F6



F1D1FF



6691F6



776380



000000



808080

Same Dimension

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



CB66F6



CA4DFF



F666D9



776E7A



8300BA



29003B

Inverse Universe

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



F66691



FF4D82



66F683



7A6E72



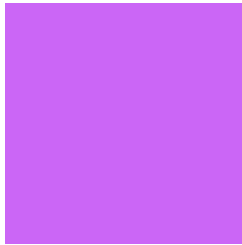
BA0038



3B0012

Previews

White Background



This preview shows how the Hex color CB66F6 looks on a white background.

Color Contrast Check

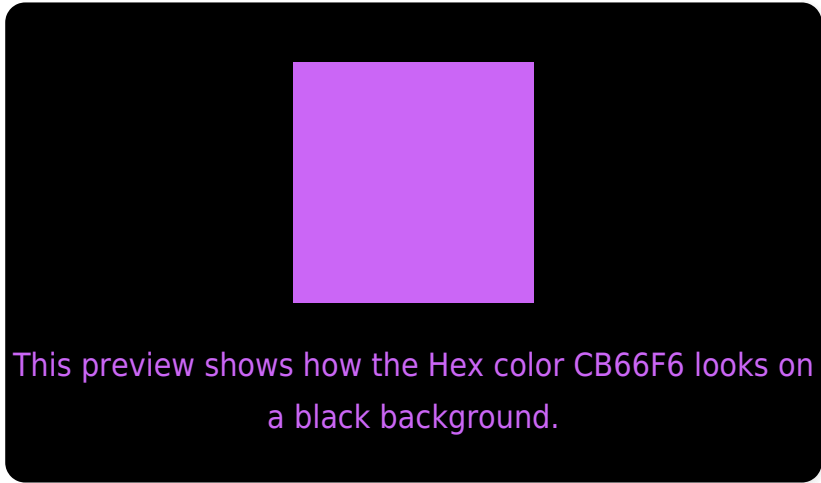
Large Text (above 18pt) WCAG AA ✓ Pass

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

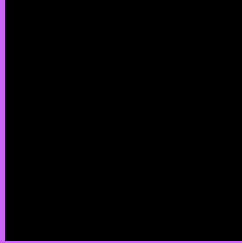
Any Text WCAG AA ✓ Pass

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 CB66F6 Background



This preview shows how black text looks on a background with the Hex color CB66F6.

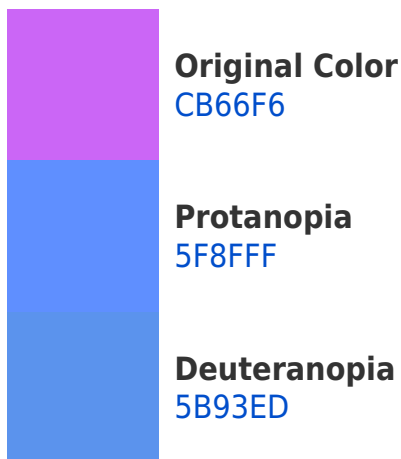


This preview shows how white text looks on a background with the Hex color CB66F6.

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](#).

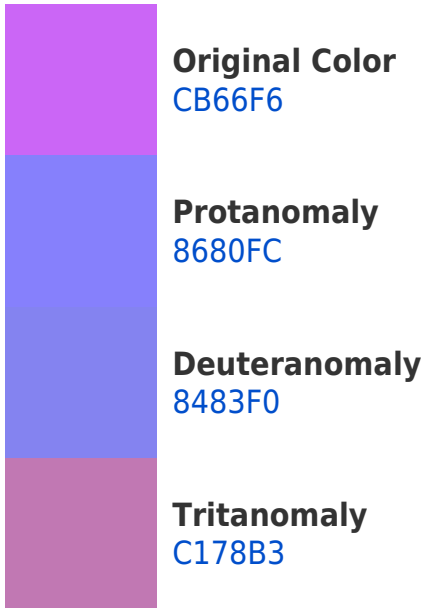
Dichromacy





Tritanopia
BB838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB66F6 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 #CB66F6 looks like.

```
.text, #text, p{  
    color:#CB66F6  
}
```

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 #CB66F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB66F6
}
```

Border

The CSS property to change the border of an element to Hex CB66F6 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
#CB66F6 }
```

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

```
.border{ border-color:#CB66F6 }
```

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

Here you see how a box with a 4 pixel #CB66F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB66F6; -webkit-box-shadow:4px 4px  
4px 4px #CB66F6; box-shadow:4px 4px 4px  
4px #CB66F6 }
```

Background

The CSS property to change the background color of an element to Hex CB66F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB66F6 }
```

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

```
.background{ background-color:#CB66F6 }
```

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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