

Converting Colors

Hex(C86EF5)

Have a look what the booklet for
Hex(C86EF5) contains.

Hex(C86EF5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C86EF5)

Conversions

Conversions Part 1

Format	Color
Hex	C86EF5
RGB	200, 110, 245
RGB Percent	78%, 43%, 96%
CMY	0.2157, 0.5686, 0.0392
CMYK	0.18, 0.55, 0.00, 0.04
HSL	280°, 87%, 70%
HSV	280°, 55%, 96%
XYZ	45.8768, 30.0238, 89.7634
YIQ	152.3000, 10.3050, 61.0650

Conversions

Conversions Part 2

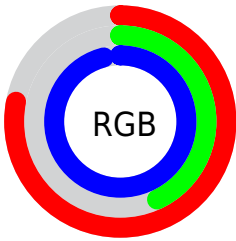
Format	Color
R _{YB}	200, 110, 245
Decimal	13135605
CIE _{Lab}	61.67, 57.41, -53.61
CIE _{LCh}	62, 78.548, 316.959
Yxy	30.0238, 0.2769, 0.1812
Android (android.graphics.Color)	4291325685 (0xFFC86EF5)
YUV	152.3000, 45.7011, 41.8329
Hunter-Lab	54.7940, 53.5614, -58.7730

Details

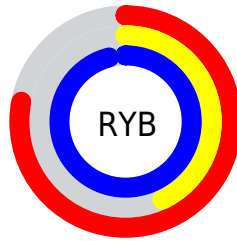
The Hex color **C86EF5** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9BF56E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA5FF**, and **8F38BC** is the 20% darker color. If you saturate the color by 10%, you get **C056F5**, and if you desaturate by 10%, it is **D087F5**.

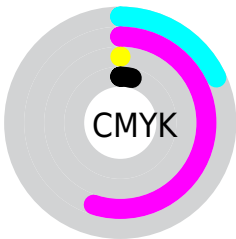
Distribution



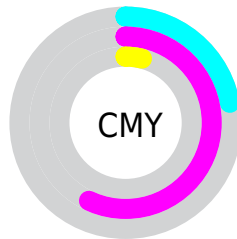
- Red (78%)
- Green (43%)
- Blue (96%)



- Red (78%)
- Yellow (43%)
- Blue (96%)



- Cyan (18%)
- Magenta (55%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (57%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color C86EF5 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 C86EF5 by changing the saturation by 10% instead.

 C86EF5

 C86EF5

FFFFFF

 AB53D8

 FFA5FF

 8F38BC

 FFC1FF

 731AA0

 FFDEFF

 570086

 FFFBFF

 3C006C

 210053

 00003B

 000224

 00000C

 C86EF5

 C86EF5

 C056F5

 D087F5

 B83DF5

 D89FF5

 B025F5

 E1B8F5

 A70CF5

 E9D0F5

 A300F5

 F1E9F5

 F9FFF5

 FFFFF5

Harmonies

Analogous

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



3D90FF



C86EF5



FF4BB6

Triad

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



C86EF5



CC8700



00B4BC

Complementary

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



C86EF5



9BF56E

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.



00B273



C86EF5



8E9E00

Square

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



C86EF5



FA662F



30AB29



00B1FA

Rectangle

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



C86EF5



FF4388



30AB29



00B4A4

Sweetspot

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



C86EF5



F1D4FF



6E9BF5



776680



000000



808080

Same Dimension

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



C86EF5



C757FF



F56EDE



766E7A



7C00BA



27003B

Inverse Universe

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



F56E9B



FF578F



6EF585



7A6E72



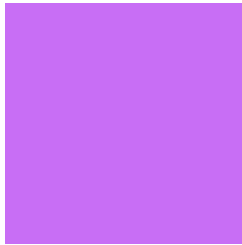
BA003E



3B0014

Previews

White Background



This preview shows how the Hex color C86EF5 looks on a white background.

Color Contrast Check

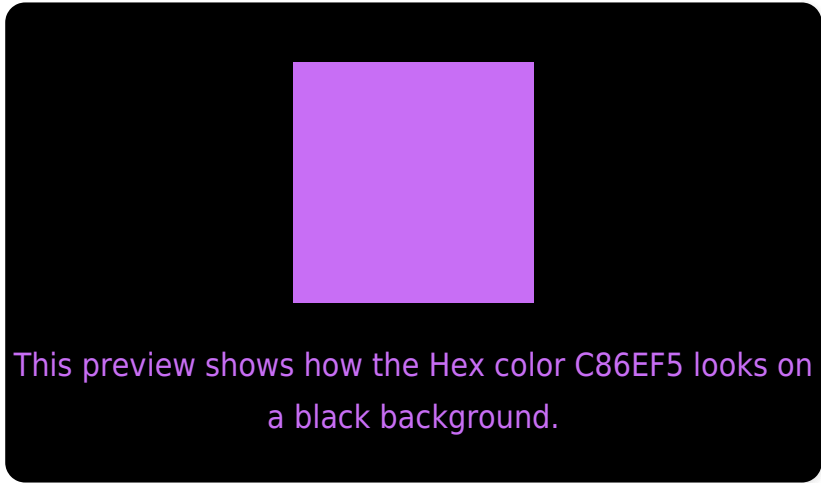
Large Text (above 18pt) WCAG AA ✓ Pass

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

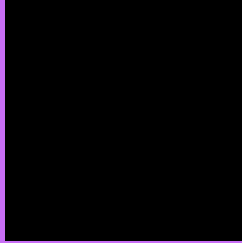
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C86EF5 Background



This preview shows how black text looks on a background with the Hex color C86EF5.

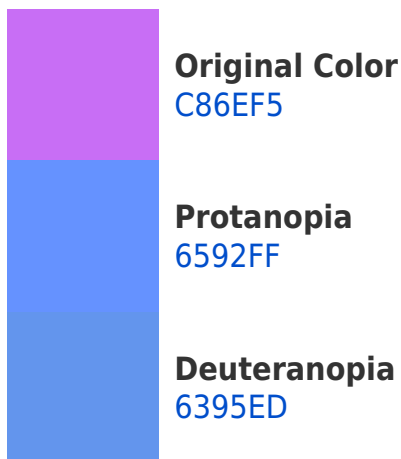


This preview shows how white text looks on a background with the Hex color C86EF5.

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](#).

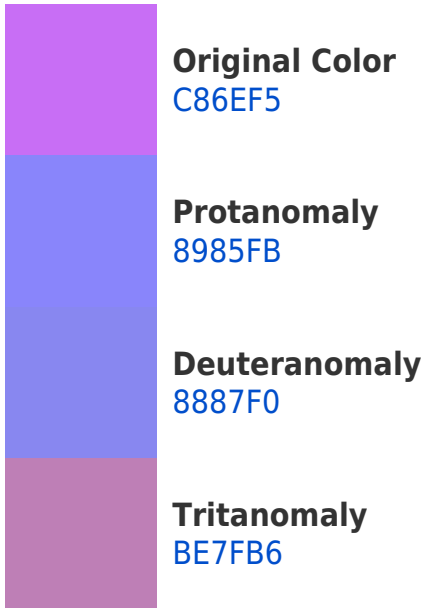
Dichromacy



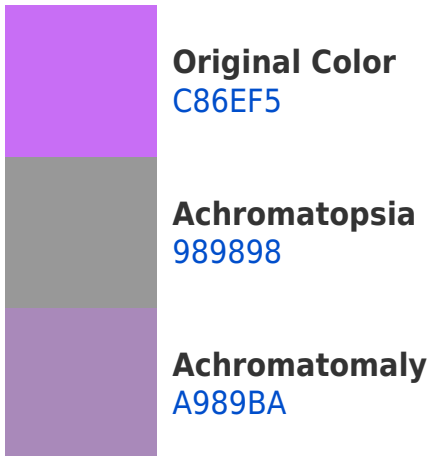


Tritanopia
B98892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C86EF5 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 #C86EF5 looks like.

```
.text, #text, p{  
    color:#C86EF5  
}
```

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 #C86EF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C86EF5
}
```

Border

The CSS property to change the border of an element to Hex C86EF5 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
#C86EF5 }
```

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

```
.border{ border-color:#C86EF5 }
```

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

Here you see how a box with a 4 pixel #C86EF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C86EF5; -webkit-box-shadow:4px 4px  
4px 4px #C86EF5; box-shadow:4px 4px 4px  
4px #C86EF5 }
```

Background

The CSS property to change the background color of an element to Hex C86EF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C86EF5 }
```

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

```
.background{ background-color:#C86EF5 }
```

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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