

Converting Colors

Hex(C86EF9)

Have a look what the booklet for
Hex(C86EF9) contains.

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Color

Hex(C86EF9)

Conversions

Conversions Part 1

Format	Color
Hex	C86EF9
RGB	200, 110, 249
RGB Percent	78%, 43%, 98%
CMY	0.2157, 0.5686, 0.0235
CMYK	0.20, 0.56, 0.00, 0.02
HSL	279°, 92%, 70%
HSV	279°, 56%, 98%
XYZ	46.4942, 30.2708, 93.0149
YIQ	152.7560, 9.0210, 62.3090

Conversions

Conversions Part 2

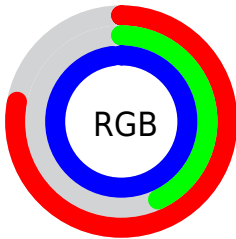
Format	Color
R _Y B	200, 110, 249
Decimal	13135609
CIE Lab	61.89, 58.24, -55.48
CIE LCh	62, 80.440, 316.391
Yxy	30.2708, 0.2739, 0.1783
Android (android.graphics.Color)	4291325689 (0xFFC86EF9)
YUV	152.7560, 47.4483, 41.4330
Hunter-Lab	55.0189, 54.5601, -61.7224

Details

The Hex color **C86EF9** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9FF96E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA5FF**, and **8F38C0** is the 20% darker color. If you saturate the color by 10%, you get **BF55F9**, and if you desaturate by 10%, it is **D187F9**.

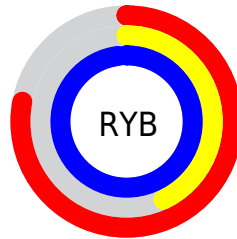
Distribution



Red (78%)

Green (43%)

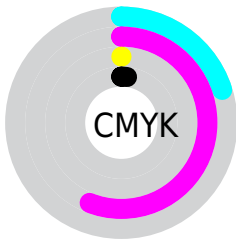
Blue (98%)



Red (78%)

Yellow (43%)

Blue (98%)

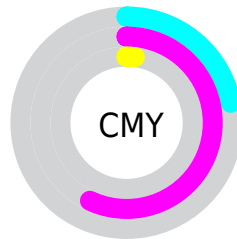


Cyan (20%)

Magenta (56%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (57%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color C86EF9 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 C86EF9 by changing the saturation by 10% instead.

 C86EF9

 C86EF9

FFFFFF

 AB53DC

 FFA5FF

 8F38C0

 FFC1FF

 731AA4

 FFDEFF

 570089

 FFFBFF

 3B006F

 200056

 00003E

 000327

 000110

 C86EF9

 C86EF9

 BF55F9

 D187F9

 B63CF9

 DAA0F9

 AE23F9

 E2B9F9

 A50AF9

 EBD2F9

 A100F9

 F4EBF9

 FDFFF9

 FFFFF9

Harmonies

Analogous

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



2E91FF



C86EF9



FF49B9

Triad

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



C86EF9



CF8600



00B5BC

Complementary

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



C86EF9



9FF96E

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.



00B371



C86EF9



909E00

Square

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



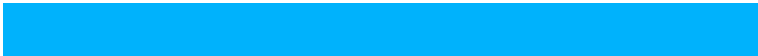
C86EF9



FD652E



2FAC24



00B2FC

Rectangle

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



C86EF9



FF3F89



2FAC24



00B5A3

Sweetspot

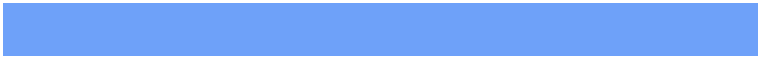
The Sweet Spot groups the original color and five complimentary colors.



C86EF9



F0D4FF



6EA1F9



776680



000000



808080

Same Dimension

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



C86EF9



C354FF



F96EE6



79707D



7A00BD



28003D

Inverse Universe

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



F96E9F



FF5490



6EF981



7D7075



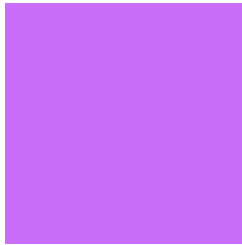
BD0043



3D0016

Previews

White Background



This preview shows how the Hex color C86EF9 looks on a white background.

Color Contrast Check

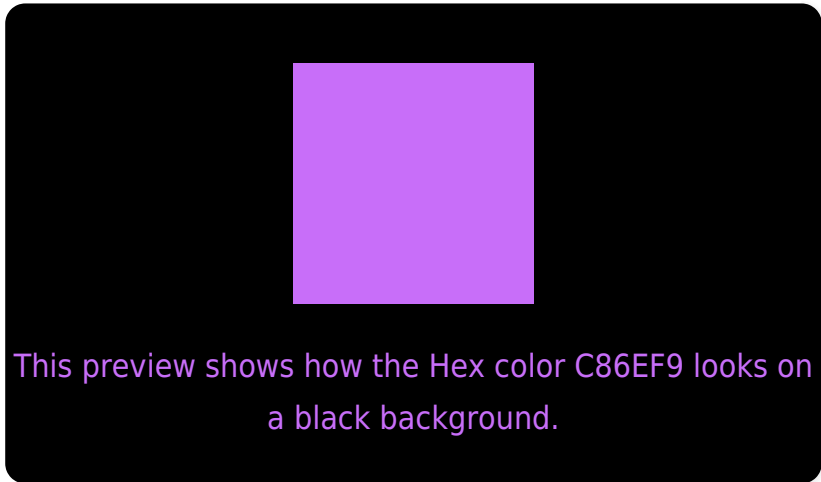
Large Text (above 18pt) WCAG AA × Fail

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

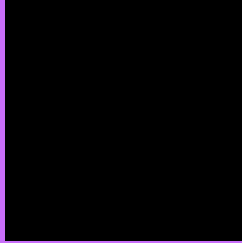
Any Text WCAG AA ✓ Pass

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 C86EF9 Background



This preview shows how black text looks on a background with the Hex color C86EF9.



This preview shows how white text looks on a background with the Hex color C86EF9.

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](#).

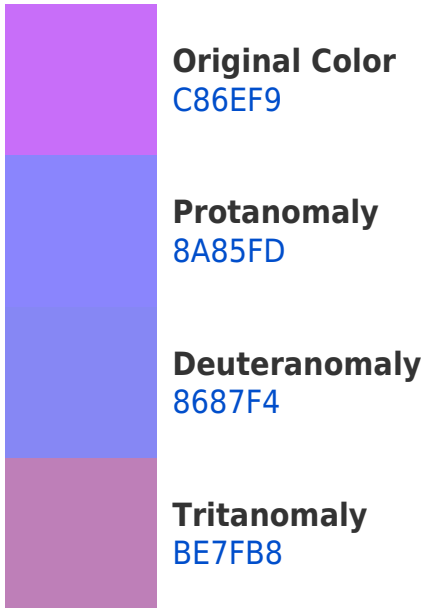
Dichromacy





Tritanopia
B88993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C86EF9 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 #C86EF9 looks like.

```
.text, #text, p{  
    color:#C86EF9  
}
```

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 #C86EF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C86EF9
}
```

Border

The CSS property to change the border of an element to Hex C86EF9 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
#C86EF9 }
```

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

```
.border{ border-color:#C86EF9 }
```

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

Here you see how a box with a 4 pixel #C86EF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C86EF9; -webkit-box-shadow:4px 4px  
4px 4px #C86EF9; box-shadow:4px 4px 4px  
4px #C86EF9 }
```

Background

The CSS property to change the background color of an element to Hex C86EF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C86EF9 }
```

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

```
.background{ background-color:#C86EF9 }
```

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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