

Converting Colors

Hex(CF86E3)

Have a look what the booklet for
Hex(CF86E3) contains.

Hex(CF86E3)	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(CF86E3)

Conversions

Conversions Part 1

Format	Color
Hex	CF86E3
RGB	207, 134, 227
RGB Percent	81%, 53%, 89%
CMY	0.1882, 0.4745, 0.1098
CMYK	0.09, 0.41, 0.00, 0.11
HSL	287°, 62%, 71%
HSV	287°, 41%, 89%
XYZ	48.1224, 35.8616, 77.0587
YIQ	166.4290, 13.6550, 44.3990

Conversions

Conversions Part 2

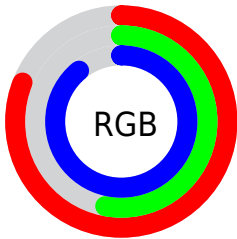
Format	Color
R_{YB}	207, 134, 227
Decimal	13600483
CIE _{Lab}	66.41, 43.28, -36.14
CIE _{LCh}	66, 56.381, 320.137
Yxy	35.8616, 0.2988, 0.2227
Android (android.graphics.Color)	4291790563 (0xFFCF86E3)
YUV	166.4290, 29.8615, 35.5808
Hunter-Lab	59.8846, 38.6419, -34.3744

Details

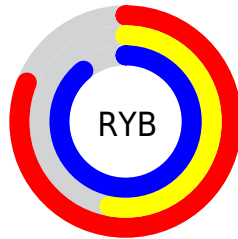
The Hex color **CF86E3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9AE386**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBDFF**, and **9752AB** is the 20% darker color. If you saturate the color by 10%, you get **CA6FE3**, and if you desaturate by 10%, it is **D49DE3**.

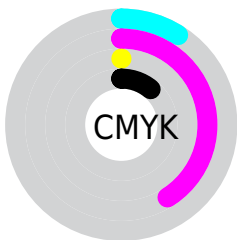
Distribution



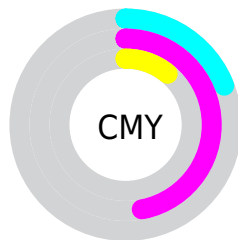
- Red (81%)
- Green (53%)
- Blue (89%)



- Red (81%)
- Yellow (53%)
- Blue (89%)



- Cyan (9%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF86E3 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 CF86E3 by changing the saturation by 10% instead.

 CF86E3

 CF86E3

FFFFFF

 B36CC7

 FFBDFE

 9752AB

 FFD9FF

 7C3990

 FFF6FF

 621F76

 48015D

 2F0045

 18002E

 000118

 000000

 CF86E3

 CF86E3

 CA6FE3

 D49DE3

 C559E3

 D9B3E3

 C042E3

 DECAE3

 BB2BE3

 E3E1E3

 B715E3

 E7F8E3

 B200E3

 ECFFE3

 F1FFE3

 F6FFE3

 FBFFE3

Harmonies

Analogous

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



879BFF



CF86E3



F676B4

Triad

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



CF86E3



CC9939



00BAC3

Complementary

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



CF86E3



9AE386

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.



00B98E



CF86E3



9CA93C

Square

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



CF86E3



EF8655



60B45E



00B6EE

Rectangle

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



CF86E3



FF7492



60B45E



00BBB2

Sweetspot

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



CF86E3



F8E0FF



869AE3



7C6E80



000000



808080

Same Dimension

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



CF86E3



E482FF



E386C9



706773



8C00B3



280033

Inverse Universe

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



E3869A



FF829D



86E3A0



73676A



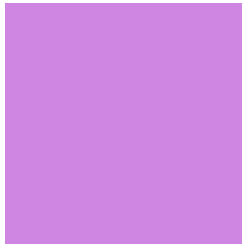
B30026



33000B

Previews

White Background



This preview shows how the Hex color CF86E3 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

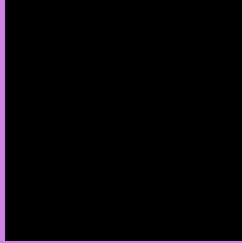
Any Text WCAG AA ✓ Pass

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 CF86E3 Background



This preview shows how black text looks on a background with the Hex color CF86E3.

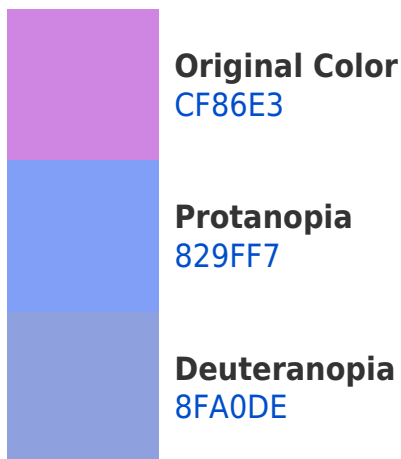


This preview shows how white text looks on a background with the Hex color CF86E3.

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
C595A0

Trichromacy



Original Color
CF86E3



Protanomaly
9E96F0



Deuteranomaly
A697E0

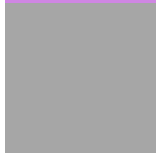


Tritanomaly
C990B8

Monochromacy



Original Color
CF86E3



Achromatopsia
A6A6A6



Achromatomaly
B59ABC

CSS Examples

Text

The CSS property to change the color of the text to Hex CF86E3 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 #CF86E3 looks like.

```
.text, #text, p{  
    color:#CF86E3  
}
```

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 #CF86E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF86E3
}
```

Border

The CSS property to change the border of an element to Hex CF86E3 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
#CF86E3 }
```

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

```
.border{ border-color:#CF86E3 }
```

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

Here you see how a box with a 4 pixel #CF86E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF86E3; -webkit-box-shadow:4px 4px  
4px 4px #CF86E3; box-shadow:4px 4px 4px  
4px #CF86E3 }
```

Background

The CSS property to change the background color of an element to Hex CF86E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF86E3 }
```

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

```
.background{ background-color:#CF86E3 }
```

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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