

Converting Colors

Hex(CE3FB0)

Have a look what the booklet for
Hex(CE3FB0) contains.

Hex(CE3FB0)	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(CE3FB0)

Conversions

Conversions Part 1

Format	Color
Hex	CE3FB0
RGB	206, 63, 176
RGB Percent	81%, 25%, 69%
CMY	0.1922, 0.7529, 0.3098
CMYK	0.00, 0.69, 0.15, 0.19
HSL	313°, 59%, 53%
HSV	313°, 69%, 81%
XYZ	35.0676, 19.8114, 43.0500
YIQ	118.6390, 48.9550, 65.4590

Conversions

Conversions Part 2

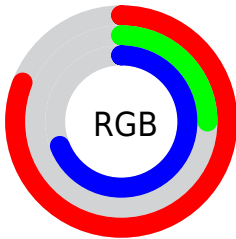
Format	Color
R_{YB}	206, 63, 176
Decimal	13516720
CIE _{Lab}	51.62, 67.13, -30.20
CIE _{LCh}	52, 73.613, 335.780
Yxy	19.8114, 0.3581, 0.2023
Android (android.graphics.Color)	4291706800 (0xFFCE3FB0)
YUV	118.6390, 28.2790, 76.6156
Hunter-Lab	44.5100, 62.7402, -26.1882

Details

The Hex color **CE3FB0** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3FCE5D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7AE8**, and **94007B** is the 20% darker color. If you saturate the color by 10%, you get **CE2AAC**, and if you desaturate by 10%, it is **CE54B4**.

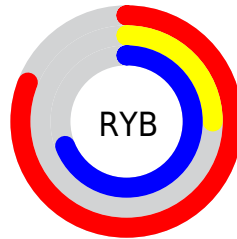
Distribution



Red (81%)

Green (25%)

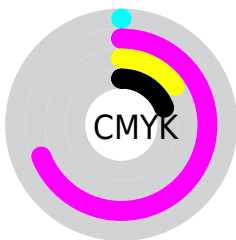
Blue (69%)



Red (81%)

Yellow (25%)

Blue (69%)

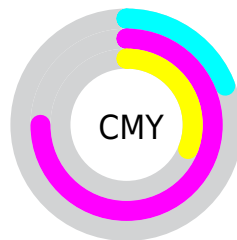


Cyan (0%)

Magenta (69%)

Yellow (15%)

Black (19%)



Cyan (19%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE3FB0 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 CE3FB0 by changing the saturation by 10% instead.

 CE3FB0

 CE3FB0

FFFFFF

 B11B95

 FF7AE8

 94007B

 FF96FF

 780062

 FFB3FF

 5C004A

 FFD0FF

 420033

 FFE0FF

 26001D

 000000

 CE3FB0

 CE3FB0

 CE2AAC

 CE54B4

 CE16A7

 CE68B9

 CE01A3

 CE7DBD

 CE00A3

 CE91C1

 CEA6C6

 CEBBCA

 CECFCE

 CEE4D3

 CEF8D7

Harmonies

Analogous

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



8864E2



CE3FB0



E72872

Triad

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



CE3FB0



8A7C00



0096C4

Complementary

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



CE3FB0



3FCE5D

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.



009686



CE3FB0



468B00

Square

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



CE3FB0



BD6400



009344



008FEF

Rectangle

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



CE3FB0



E53749



009344



0096B0

Sweetspot

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



CE3FB0



FFC9F4



5C3FCE



806079



000000



808080

Same Dimension

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



CE3FB0



FF2BD3



CE3F6A



665C64



A60083



26001E

Inverse Universe

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



CE3FB0



FF2BD3



3FCEA3



665C64



A60083



26001E

Previews

White Background



This preview shows how the Hex color CE3FB0 looks on a white background.

Color Contrast Check

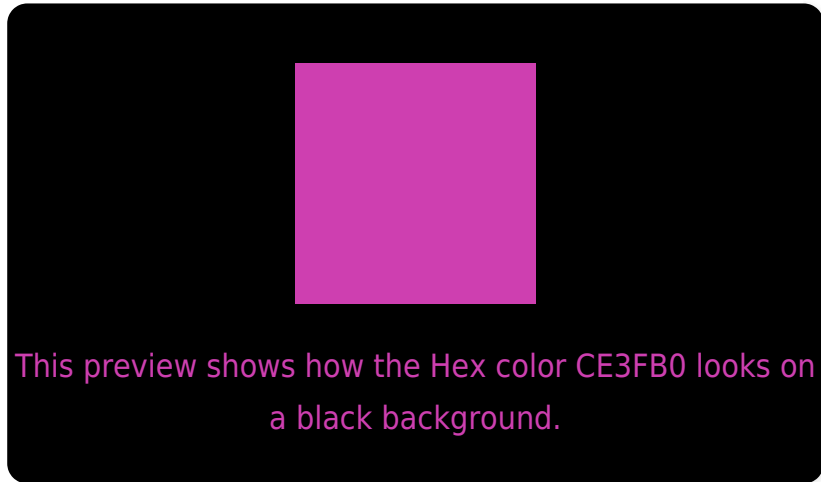
Large Text (above 18pt) WCAG AA ✓ Pass

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

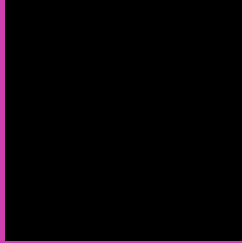
Any Text WCAG AA ✓ Pass

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 CE3FB0 Background



This preview shows how black text looks on a background with the Hex color CE3FB0.

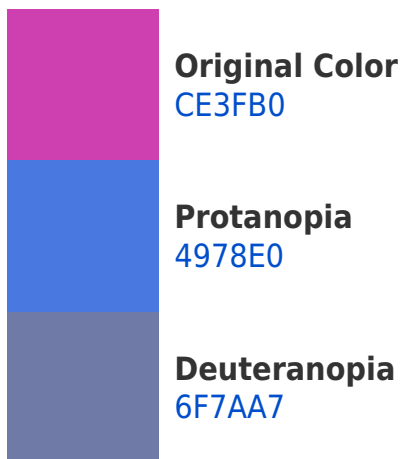


This preview shows how white text looks on a background with the Hex color CE3FB0.

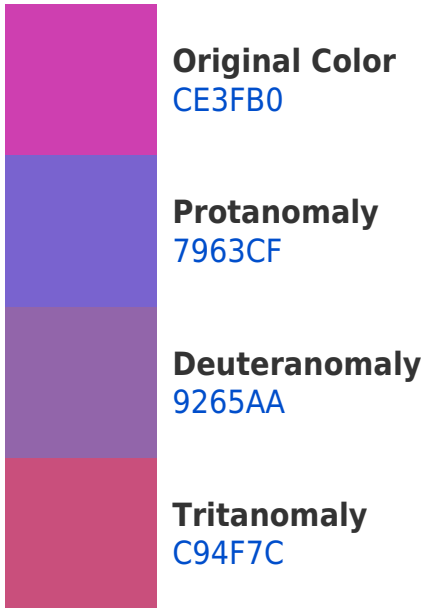
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE3FB0 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 #CE3FB0 looks like.

```
.text, #text, p{  
    color:#CE3FB0  
}
```

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 #CE3FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3FB0
}
```

Border

The CSS property to change the border of an element to Hex CE3FB0 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
#CE3FB0 }
```

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

```
.border{ border-color:#CE3FB0 }
```

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

Here you see how a box with a 4 pixel #CE3FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3FB0; -webkit-box-shadow:4px 4px  
4px 4px #CE3FB0; box-shadow:4px 4px 4px  
4px #CE3FB0 }
```

Background

The CSS property to change the background color of an element to Hex CE3FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3FB0 }
```

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

```
.background{ background-color:#CE3FB0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor