

Converting Colors

Hex(CE50EB)

Have a look what the booklet for
Hex(CE50EB) contains.

Hex(CE50EB)	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(CE50EB)

Conversions

Conversions Part 1

Format	Color
Hex	CE50EB
RGB	206, 80, 235
RGB Percent	81%, 31%, 92%
CMY	0.1922, 0.6863, 0.0784
CMYK	0.12, 0.66, 0.00, 0.08
HSL	289°, 79%, 62%
HSV	289°, 66%, 92%
XYZ	43.3177, 24.8573, 81.1121
YIQ	135.3440, 25.3410, 74.9170

Conversions

Conversions Part 2

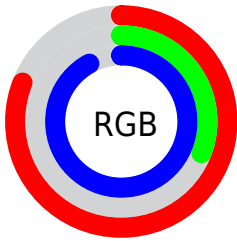
Format	Color
R _{YB}	206, 80, 235
Decimal	13521131
CIE Lab	56.94, 70.40, -55.55
CIE LCh	57, 89.678, 321.724
Yxy	24.8573, 0.2902, 0.1665
Android (android.graphics.Color)	4291711211 (0xFFCE50EB)
YUV	135.3440, 49.1304, 61.9653
Hunter-Lab	49.8571, 67.8374, -61.5585

Details

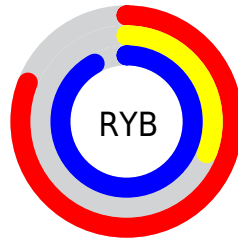
The Hex color **CE50EB** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **6DEB50**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF89FF**, and **9400B2** is the 20% darker color. If you saturate the color by 10%, you get **CA38EB**, and if you desaturate by 10%, it is **D268EB**.

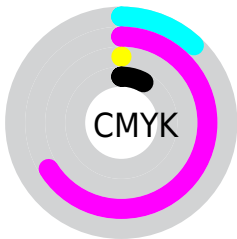
Distribution



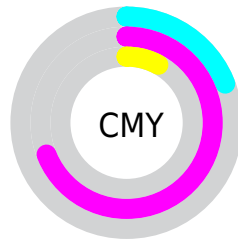
- Red (81%)
- Green (31%)
- Blue (92%)



- Red (81%)
- Yellow (31%)
- Blue (92%)



- Cyan (12%)
- Magenta (66%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (69%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE50EB 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 CE50EB by changing the saturation by 10% instead.

 CE50EB

 CE50EB

FFFFFF

 B131CE

 FF89FF

 9400B2

 FFA6FF

 770097

 FFC3FF

 5B007D

 FFE0FF

 3F0063

FFFEFF

 24004A

 000032

 00021C

 000000

 CE50EB

 CE50EB

 CA38EB

 D268EB

 C521EB

 D77FEB

 C10AEB

 DB96EB

 BF00EB

 E0AE EB

 E4C6EB

 E8DDEB

 EDF4EB

 F1FFEB

 F6FFEB

Harmonies

Analogous

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



327EFF



CE50EB



FF00A2

Triad

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



CE50EB



B87E00



00A9C1

Complementary

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



CE50EB



6DEB50

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.



00A870



CE50EB



709600

Square

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



CE50EB



EE5700



00A210



00A6FF

Rectangle

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



CE50EB



FF006E



00A210



00A9A6

Sweetspot

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



CE50EB



F5CCFF



506FEB



7A6180



000000



808080

Same Dimension

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



CE50EB



D936FF



EB50BD



736A75



9300B5



2C0036

Inverse Universe

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



EB506D



FF365B



50EB7F



756A6C



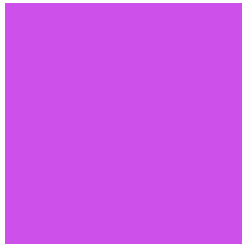
B50022



36000A

Previews

White Background



This preview shows how the Hex color CE50EB looks on a white background.

Color Contrast Check

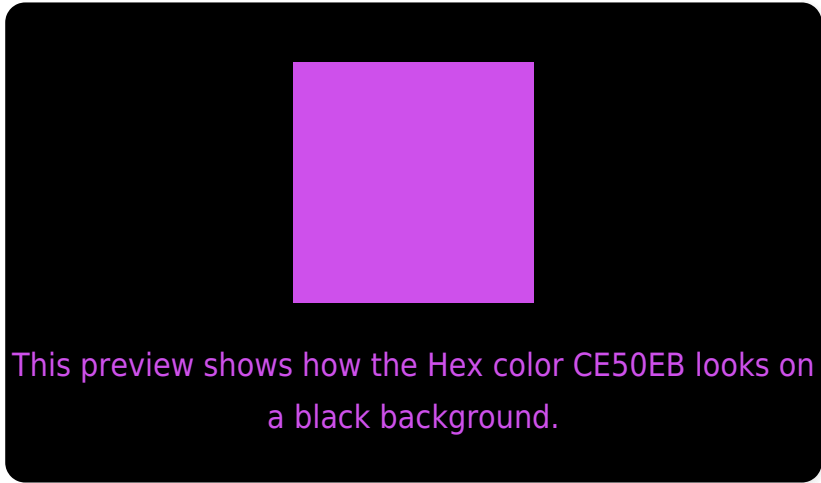
Large Text (above 18pt) WCAG AA ✓ Pass

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

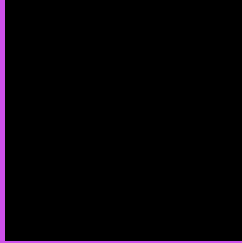
Any Text WCAG AA ✓ Pass

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 CE50EB Background



This preview shows how black text looks on a background with the Hex color CE50EB.

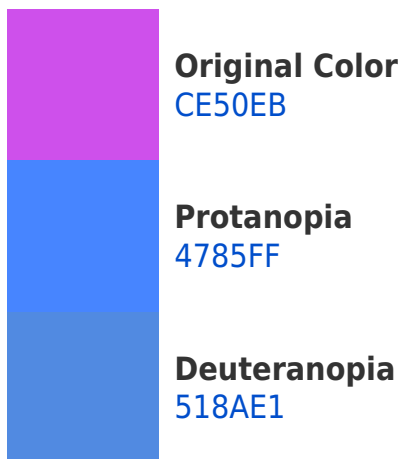


This preview shows how white text looks on a background with the Hex color CE50EB.

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](#).

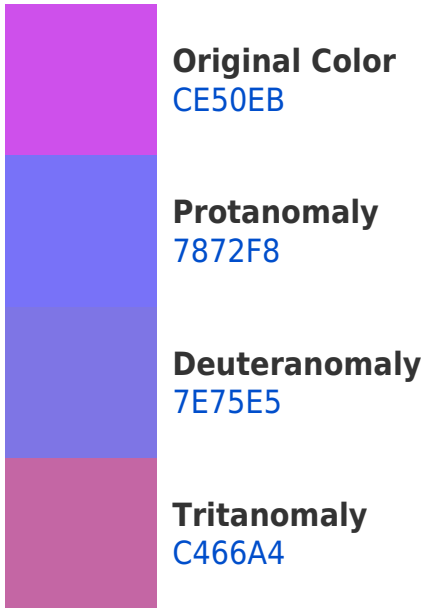
Dichromacy





Tritanopia
BF737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE50EB 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 #CE50EB looks like.

```
.text, #text, p{  
    color:#CE50EB  
}
```

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 #CE50EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE50EB
}
```

Border

The CSS property to change the border of an element to Hex CE50EB 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
#CE50EB }
```

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

```
.border{ border-color:#CE50EB }
```

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

Here you see how a box with a 4 pixel #CE50EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE50EB; -webkit-box-shadow:4px 4px  
4px 4px #CE50EB; box-shadow:4px 4px 4px  
4px #CE50EB }
```

Background

The CSS property to change the background color of an element to Hex CE50EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE50EB }
```

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

```
.background{ background-color:#CE50EB }
```

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