

# Converting Colors

Hex(CE50DC)

Have a look what the booklet for  
Hex(CE50DC) contains.

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# Color

Hex(CE50DC)

# Conversions

## Conversions Part 1

Format	Color
Hex	CE50DC
RGB	206, 80, 220
RGB Percent	81%, 31%, 86%
CMY	0.1922, 0.6863, 0.1373
CMYK	0.06, 0.64, 0.00, 0.14
HSL	294°, 67%, 59%
HSV	294°, 64%, 86%
XYZ	41.2405, 24.0264, 70.1741
YIQ	133.6340, 30.1560, 70.2520

# Conversions

## Conversions Part 2

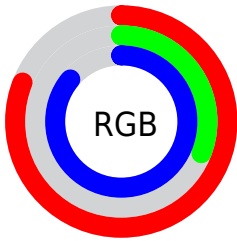
Format	Color
R <sub>YB</sub>	206, 80, 220
Decimal	13521116
CIE Lab	56.11, 67.69, -48.42
CIE LCh	56, 83.227, 324.422
Yxy	24.0264, 0.3045, 0.1774
Android (android.graphics.Color)	4291711196 (0xFFCE50DC)
YUV	133.6340, 42.5784, 63.4650
Hunter-Lab	49.0168, 64.4026, -50.5699

# Details

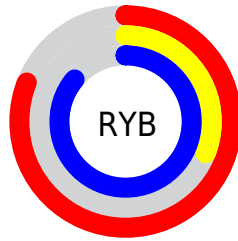
The Hex color **CE50DC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **5EDC50**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF89FF**, and **9403A4** is the 20% darker color. If you saturate the color by 10%, you get **CC3ADC**, and if you desaturate by 10%, it is **D066DC**.

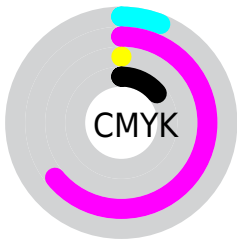
# Distribution



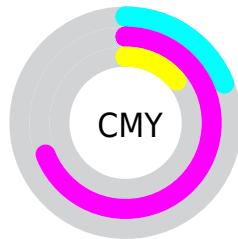
- Red (81%)
- Green (31%)
- Blue (86%)



- Red (81%)
- Yellow (31%)
- Blue (86%)



- Cyan (6%)
- Magenta (64%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (69%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE50DC 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 CE50DC by changing the saturation by 10% instead.



 CE50DC

 CE50DC

FFFFFF

 B131C0

 FF89FF

 9403A4

 FFA5FF

 780089

 FFC2FF

 5C006F

 FFE0FF

 410056

 FFFDFD

 27003E

 000027

 000110

 000000

 CE50DC

 CE50DC

 CC3ADC

 D066DC

 CA24DC

 D27CDC

 C70EDC

 D592DC

 C600DC

 D7A8DC

 D9BEDC

 DBD4DC

 DDEADC

 E0FFDC

 E2FFDC

# Harmonies

## Analogous

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



5979FF



CE50DC



FC2097

# Triad

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



CE50DC



AE7F00



00A5C1

# Complementary

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



CE50DC



5EDC50

# 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.



00A476



CE50DC



6A9400

# Square

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



CE50DC



E25D00



009F27



00A1FC

# Rectangle

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



CE50DC



FF2167



009F27



00A5A9



# Sweetspot

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



CE50DC



FACFFF



505EDC



7D6280



000000



808080



# Same Dimension

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



CE50DC



EC3DFF



DC50A4



6D636E



9C00AD



29002E



# Inverse Universe

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



DC505E



FF3D51



50DC88



6E6364



AD0011

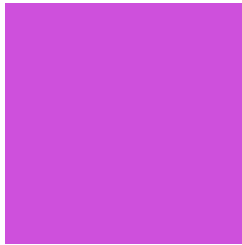


2E0005



# Previews

## White Background



This preview shows how the Hex color CE50DC looks on a white background.

## Color Contrast Check

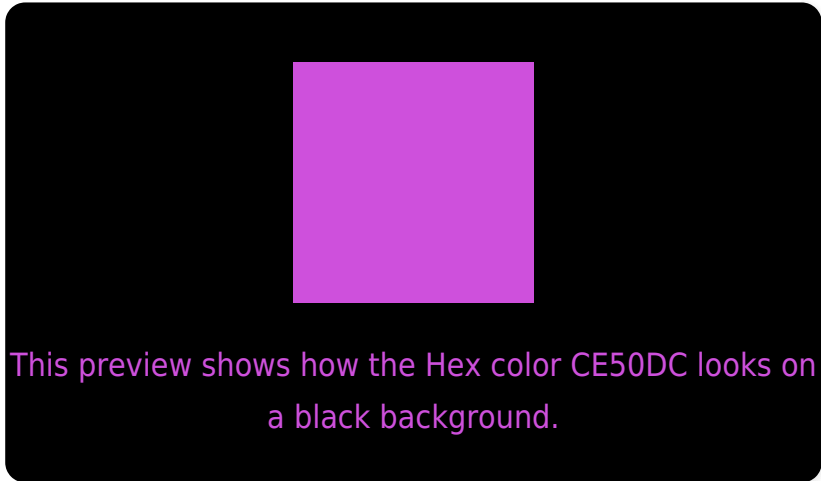
Large Text (above 18pt) WCAG AA ✓ Pass

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

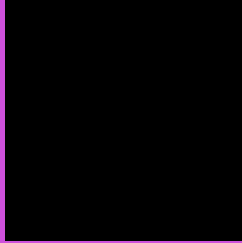
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CE50DC Background



This preview shows how black text looks on a background with the Hex color CE50DC.

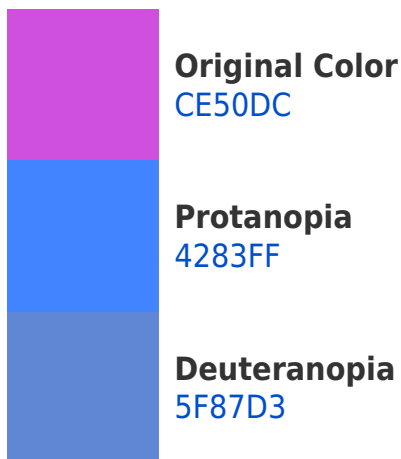


This preview shows how white text looks on a background with the Hex color CE50DC.

# 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**  
C16E76

# Trichromacy



**Original Color**  
CE50DC



**Protanomaly**  
7570F2



**Deuteranomaly**  
8773D6



**Tritanomaly**  
C6639B

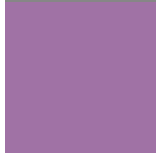
# Monochromacy



**Original Color**  
CE50DC



**Achromatopsia**  
868686



**Achromatomaly**  
A072A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE50DC 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 #CE50DC looks like.

```
.text, #text, p{  
    color:#CE50DC  
}
```

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 #CE50DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE50DC
}
```

## Border

The CSS property to change the border of an element to Hex CE50DC 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
#CE50DC }
```

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

```
.border{ border-color:#CE50DC }
```

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

Here you see how a box with a 4 pixel #CE50DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE50DC; -webkit-box-shadow:4px 4px  
4px 4px #CE50DC; box-shadow:4px 4px 4px  
4px #CE50DC }
```

# Background

The CSS property to change the background color of an element to Hex CE50DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE50DC }
```

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

```
.background{ background-color:#CE50DC }
```

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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