

Converting Colors

Hex(CE0050)

Have a look what the booklet for
Hex(CE0050) contains.

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Color

Hex(CE0050)

Conversions

Conversions Part 1

Format	Color
Hex	CE0050
RGB	206, 0, 80
RGB Percent	81%, 0%, 31%
CMY	0.1922, 1.0000, 0.6863
CMYK	0.00, 1.00, 0.61, 0.19
HSL	337°, 100%, 40%
HSV	337°, 100%, 81%
XYZ	26.9016, 13.7010, 8.8161
YIQ	70.7140, 97.0960, 68.5520

Conversions

Conversions Part 2

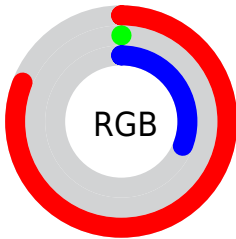
Format	Color
RYB	206, 0, 80
Decimal	13500496
CIELab	43.80, 70.52, 16.58
CIELCh	44, 72.444, 13.232
Yxy	13.7010, 0.5444, 0.2772
Android (android.graphics.Color)	4291690576 (0xFFCE0050)
YUV	70.7140, 4.5780, 118.6458
Hunter-Lab	37.0149, 64.9538, 11.7889

Details

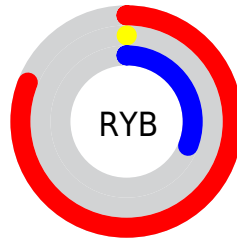
The Hex color **CE0050** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **00CE7E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5781**, and **900024** is the 20% darker color. If you saturate the color by 10%, you get **CE0050**, and if you desaturate by 10%, it is **CE155D**.

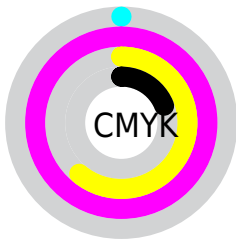
Distribution



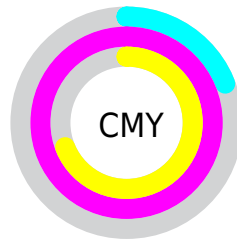
- Red (81%)
- Green (0%)
- Blue (31%)



- Red (81%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE0050 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 CE0050 by changing the saturation by 10% instead.

 CE0050

 CE0050


FFFFFF

 AF0039

 FF5781

 900024

 FF759B

 710010

 FF93B5

 530002

 FFB0D1

 350002

 FFCEED

 020000

 FFECFF

 000000

 CE0050

 CE155D

 CE2969

 CE3E76

 CE5282

 CE678F

 CE7C9C

 CE90A8

 CEA5B5

 CEB9C1

Harmonies

Analogous

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



BF198C



CE0050



BE3613

Triad

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



CE0050



0A7900



0078DC

Complementary

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



CE0050



00CE7E

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.



007FBA



CE0050



007F42

Square

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



CE0050



666D00



008182



0067DE

Rectangle

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



CE0050



A84E00



008182



007BD4

Sweetspot

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



CE0050



FFB3D0



7C00CE



805263



000000



808080

Same Dimension

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



CE0050



FF0063



CE1500



665C60



A60040



26000F

Inverse Universe

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



CE0050



FF0063



00B9CE



665C60



A60040



26000F

Previews

White Background



This preview shows how the Hex color CE0050 looks on a white background.

Color Contrast Check

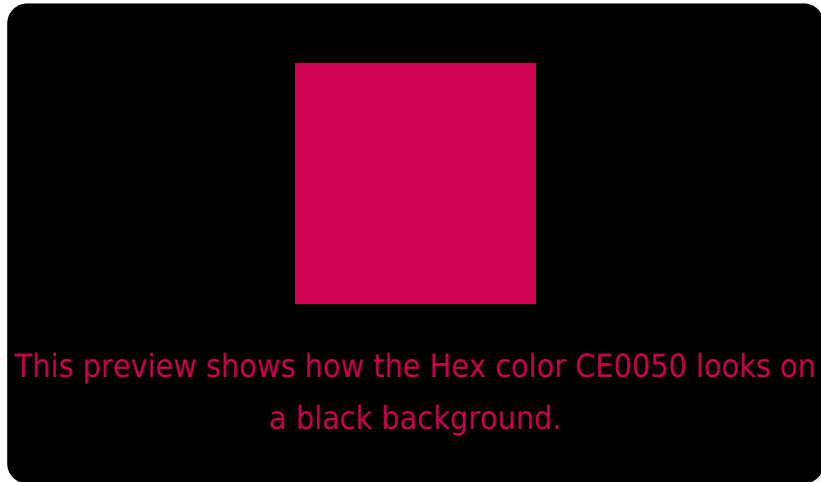
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex CE0050 Background



This preview shows how black text looks on a background with the Hex color CE0050.

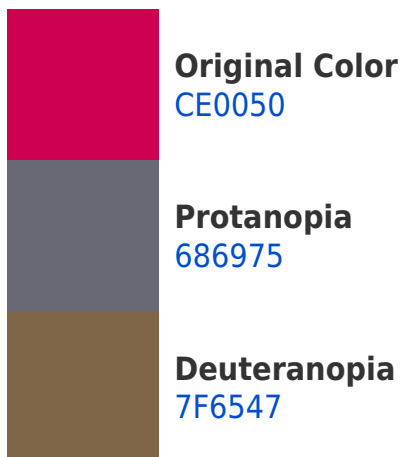


This preview shows how white text looks on a background with the Hex color CE0050.

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



Original Color
CE0050



Protanomaly
8D4368



Deuteranomaly
9C404A



Tritanomaly
CD1430

Monochromacy



Original Color
CE0050



Achromatopsia
474747



Achromatomaly
782D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex CE0050 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 #CE0050 looks like.

```
.text, #text, p{  
    color:#CE0050  
}
```

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 #CE0050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE0050
}
```

Border

The CSS property to change the border of an element to Hex CE0050 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
#CE0050 }
```

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

```
.border{ border-color:#CE0050 }
```

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

Here you see how a box with a 4 pixel #CE0050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE0050; -webkit-box-shadow:4px 4px  
4px 4px #CE0050; box-shadow:4px 4px 4px  
4px #CE0050 }
```

Background

The CSS property to change the background color of an element to Hex CE0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE0050 }
```

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

```
.background{ background-color:#CE0050 }
```

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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