

Converting Colors

Hex(CE0057)

Have a look what the booklet for
Hex(CE0057) contains.

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Color

Hex(CE0057)

Conversions

Conversions Part 1

Format	Color
Hex	CE0057
RGB	206, 0, 87
RGB Percent	81%, 0%, 34%
CMY	0.1922, 1.0000, 0.6588
CMYK	0.00, 1.00, 0.58, 0.19
HSL	335°, 100%, 40%
HSV	335°, 100%, 81%
XYZ	27.1739, 13.8099, 10.2502
YIQ	71.5120, 94.8490, 70.7290

Conversions

Conversions Part 2

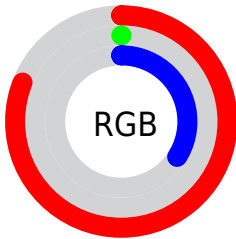
Format	Color
RYB	206, 0, 87
Decimal	13500503
CIELab	43.96, 70.94, 12.40
CIElCh	44, 72.018, 9.911
Yxy	13.8099, 0.5304, 0.2695
Android (android.graphics.Color)	4291690583 (0xFFCE0057)
YUV	71.5120, 7.6356, 117.9460
Hunter-Lab	37.1617, 65.4922, 9.6595

Details

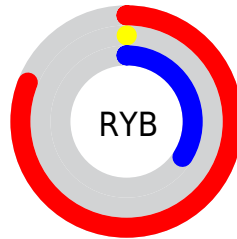
The Hex color **CE0057** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **00CE77**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5888**, and **90002B** is the 20% darker color. If you saturate the color by 10%, you get **CE0057**, and if you desaturate by 10%, it is **CE1563**.

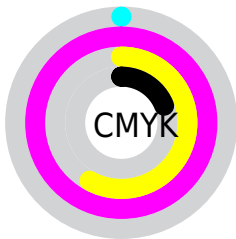
Distribution



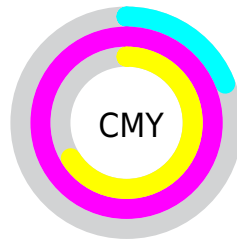
- Red (81%)
- Green (0%)
- Blue (34%)



- Red (81%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE0057 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 CE0057 by changing the saturation by 10% instead.

 CE0057

 CE0057

FFFFFF

 AF0040

 FF5888

 90002B

 FF76A3

 720017

 FF93BD

 540002

 FFB1D9

 360002

 FFCEFF

 050000

 FFECFF

 000000

 CE0057

 CE1563

 CE296F

 CE3E7B

 CE5287

 CE6793

 CE7C9E

 CE90AA

 CEA5B6

 CEB9C2

Harmonies

Analogous

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



BB2192



CE0057



C1331C

Triad

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



CE0057



227800



007AD9

Complementary

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



CE0057



00CE77

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.



0080B4



CE0057



007F3C

Square

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



CE0057



6D6C00



00817B



0069E0

Rectangle

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



CE0057



AC4B00



00817B



007DD0

Sweetspot

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



CE0057



FFB3D3



7500CE



805265



000000



808080

Same Dimension

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



CE0057



FF006C



CE0E00



665C60



A60046



260010

Inverse Universe

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



CE0057



FF006C



00C0CE



665C60



A60046



260010

Previews

White Background



This preview shows how the Hex color CE0057 looks on a white background.

Color Contrast Check

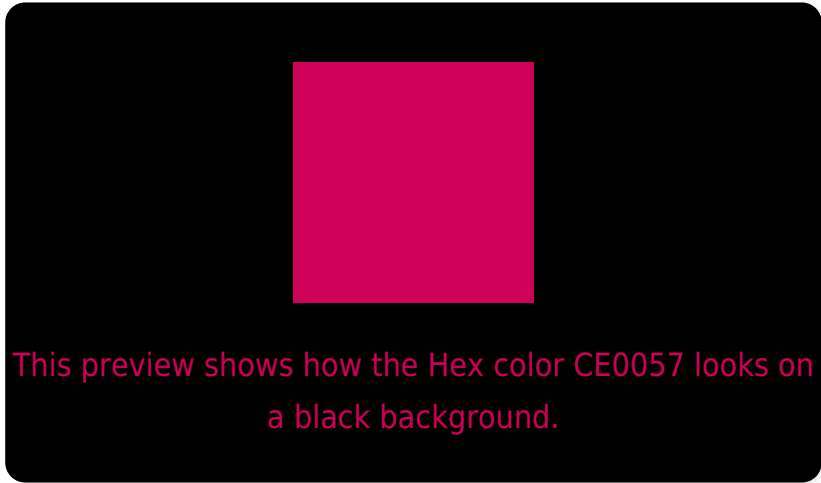
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE0057 Background



This preview shows how black text looks on a background with the Hex color CE0057.

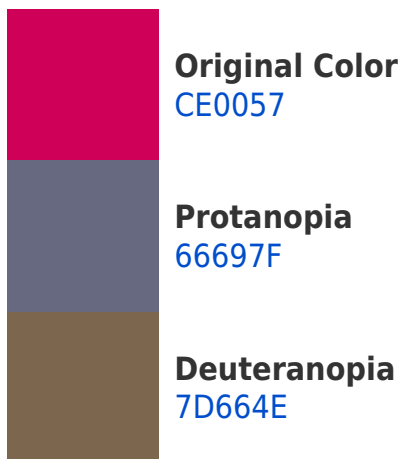


This preview shows how white text looks on a background with the Hex color CE0057.

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
CE0057



Protanomaly
8C4370



Deuteranomaly
9A4151

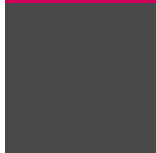


Tritanomaly
CD1635

Monochromacy



Original Color
CE0057



Achromatopsia
484848



Achromatomaly
792E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex CE0057 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 #CE0057 looks like.

```
.text, #text, p{  
    color:#CE0057  
}
```

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 #CE0057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE0057
}
```

Border

The CSS property to change the border of an element to Hex CE0057 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
#CE0057 }
```

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

```
.border{ border-color:#CE0057 }
```

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

Here you see how a box with a 4 pixel #CE0057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE0057; -webkit-box-shadow:4px 4px  
4px 4px #CE0057; box-shadow:4px 4px 4px  
4px #CE0057 }
```

Background

The CSS property to change the background color of an element to Hex CE0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE0057 }
```

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

```
.background{ background-color:#CE0057 }
```

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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