

Converting Colors

Hex(CE0042)

Have a look what the booklet for
Hex(CE0042) contains.

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Color

Hex(CE0042)

Conversions

Conversions Part 1

Format	Color
Hex	CE0042
RGB	206, 0, 66
RGB Percent	81%, 0%, 26%
CMY	0.1922, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.68, 0.19
HSL	341°, 100%, 40%
HSV	341°, 100%, 81%
XYZ	26.4370, 13.5152, 6.3696
YIQ	69.1180, 101.5900, 64.1980

Conversions

Conversions Part 2

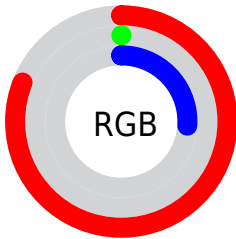
Format	Color
R_{YB}	206, 0, 66
Decimal	13500482
CIE Lab	43.53, 69.79, 25.00
CIE LCh	44, 74.133, 19.707
Yxy	13.5152, 0.5707, 0.2918
Android (android.graphics.Color)	4291690562 (0xFFCE0042)
YUV	69.1180, -1.5372, 120.0455
Hunter-Lab	36.7630, 64.0276, 15.4615

Details

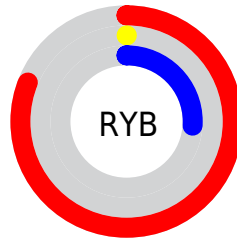
The Hex color **CE0042** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00CE8C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5772**, and **8F0018** is the 20% darker color. If you saturate the color by 10%, you get **CE0042**, and if you desaturate by 10%, it is **CE1550**.

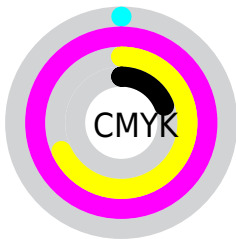
Distribution



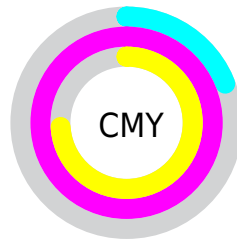
- Red (81%)
- Green (0%)
- Blue (26%)



- Red (81%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE0042 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 CE0042 by changing the saturation by 10% instead.

 CE0042

 CE0042

FFFFFF

 AE002C

 FF5772

 8F0018

 FF758B

 700000

 FF92A5

 520002

 FFB0C0

 330002

 FFCDDC

 000000

 FFEBF9

 CE0042

 CE1550

 CE295E

 CE3E6C

 CE527A

 CE6788

 CE7C96

 CE90A4

 CEA5B2

 CEB9C0

Harmonies

Analogous

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



C7007F



CE0042



B83D00

Triad

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



CE0042



007A00



0075E2

Complementary

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



CE0042



00CE8C

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.



007EC5



CE0042



007F4F

Square

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



CE0042



587000



00808F



0060DD

Rectangle

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



CE0042



9F5400



00808F



0079DB

Sweetspot

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



CE0042



FFB3CB



8900CE



805260



000000



808080

Same Dimension

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



CE0042



FF0052



CE2200



665C5F



A60035



26000C

Inverse Universe

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



CE0042



FF0052



00ACCE



665C5F



A60035



26000C

Previews

White Background



This preview shows how the Hex color CE0042 looks on a white background.

Color Contrast Check

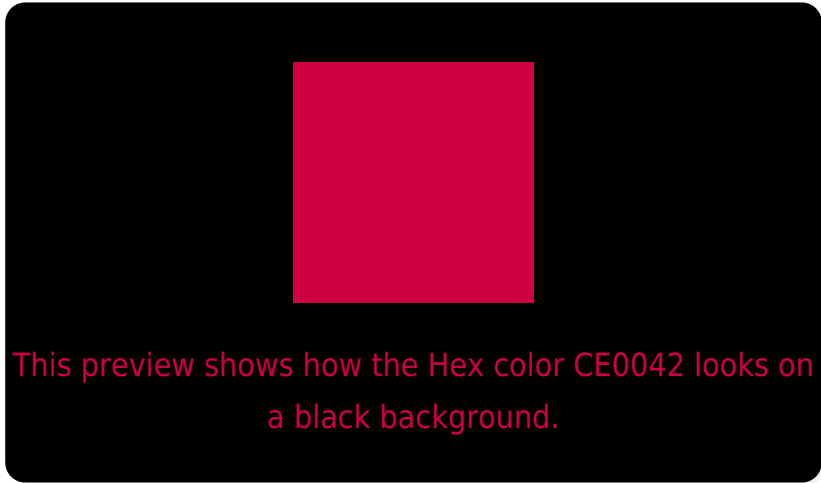
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE0042 Background



This preview shows how black text looks on a background with the Hex color CE0042.

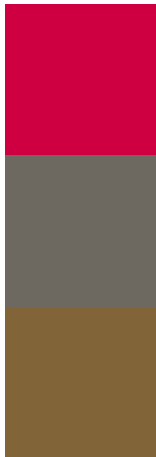


This preview shows how white text looks on a background with the Hex color CE0042.

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



Original Color
CE0042

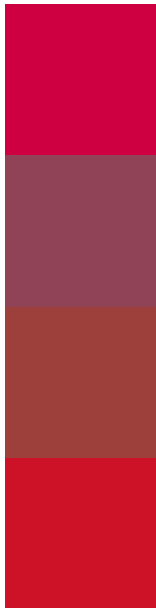
Protanopia
6D6961

Deuteranopia
816438



Tritanopia
CD1B17

Trichromacy



Original Color
CE0042

Protanomaly
904356

Deuteranomaly
9D403C

Tritanomaly
CD1127

Monochromacy



Original Color
CE0042

Achromatopsia
454545

Achromatomaly
772C44

CSS Examples

Text

The CSS property to change the color of the text to Hex CE0042 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 #CE0042 looks like.

```
.text, #text, p{  
    color:#CE0042  
}
```

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 #CE0042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE0042
}
```

Border

The CSS property to change the border of an element to Hex CE0042 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".

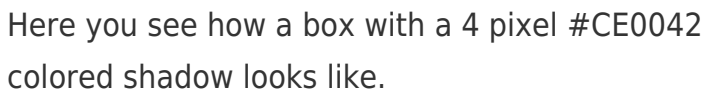
```
.border, #border, table{ border:4px solid
#CE0042 }
```

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

```
.border{ border-color:#CE0042 }
```

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

Here you see how a box with a 4 pixel #CE0042 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE0042; -webkit-box-shadow:4px 4px  
4px 4px #CE0042; box-shadow:4px 4px 4px  
4px #CE0042 }
```

Background

The CSS property to change the background color of an element to Hex CE0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE0042 }
```

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

```
.background{ background-color:#CE0042 }
```

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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