

# Converting Colors

Hex(CE0034)

Have a look what the booklet for  
Hex(CE0034) contains.

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**Color**

**Hex(CE0034)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE0034
RGB	206, 0, 52
RGB Percent	81%, 0%, 20%
CMY	0.1922, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.75, 0.19
HSL	345°, 100%, 40%
HSV	345°, 100%, 81%
XYZ	26.0734, 13.3697, 4.4552
YIQ	67.5220, 106.0840, 59.8440

# Conversions

## Conversions Part 2

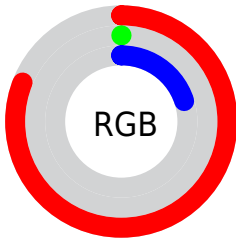
Format	Color
<b>R<sub>YB</sub></b>	206, 0, 52
Decimal	13500468
CIE Lab	43.32, 69.21, 33.35
CIE LCh	43, 76.827, 25.727
Yxy	13.3697, 0.5939, 0.3046
Android (android.graphics.Color)	4291690548 (0xFFCE0034)
YUV	67.5220, -7.6523, 121.4452
Hunter-Lab	36.5647, 63.2961, 18.3711

# Details

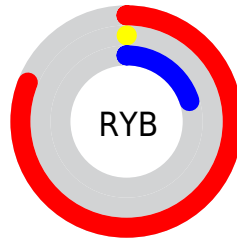
The Hex color **CE0034** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00CE9A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5662**, and **8F0009** is the 20% darker color. If you saturate the color by 10%, you get **CE0034**, and if you desaturate by 10%, it is **CE1543**.

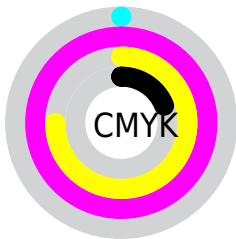
# Distribution



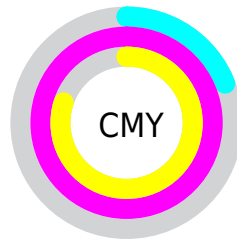
- Red (81%)
- Green (0%)
- Blue (20%)



- Red (81%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE0034 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 CE0034 by changing the saturation by 10% instead.



 CE0034

 CE0034

FFFFFF

 AE001F

 FF5662

 8F0009

 FF747B

 6F0000

 FF9295

 510002

 FFAFB0

 320002

 FFCCCB

 000000

 FFEAE7

 CE0034

 CE1543

 CE2953

 CE3E62

 CE5272

 CE6781

 CE7C90

 CE90A0

 CEA5AF

 CEB9BF

# Harmonies

## Analogous

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



CD0072



CE0034



B34200

# Triad

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



CE0034



007B10



0072E7

# Complementary

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



CE0034



00CE9A

# 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.



007DD0



CE0034



007F5B

# Square

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



CE0034



477300



00809C



3D5ADB

# Rectangle

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



CE0034



965800



00809C



0077E4



# Sweetspot

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



CE0034



FFB3C6



9700CE



80525D



000000



808080



# Same Dimension

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



CE0034



FF0040



CE3000



665C5E



A6002A



26000A



# Inverse Universe

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



CE0034



FF0040



009ECE



665C5E



A6002A



26000A



# Previews

## White Background



This preview shows how the Hex color CE0034 looks on a white background.

## Color Contrast Check

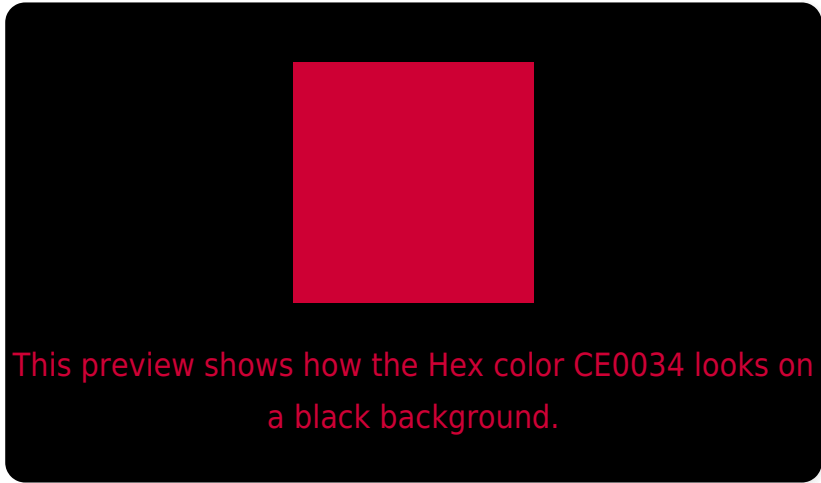
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE0034 Background



This preview shows how black text looks on a background with the Hex color CE0034.



This preview shows how white text looks on a background with the Hex color CE0034.

# 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**  
CE0034

**Protanopia**  
70694E

**Deuteranopia**  
826328



# Trichromacy



**Original Color**  
CE0034

**Protanomaly**  
924345

**Deuteranomaly**  
9E3F2C

**Tritanomaly**  
CD0D1C

# Monochromacy



**Original Color**  
CE0034

**Achromatopsia**  
444444

**Achromatomaly**  
762B3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE0034 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 #CE0034 looks like.

```
.text, #text, p{  
    color:#CE0034  
}
```

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 #CE0034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE0034
}
```

## Border

The CSS property to change the border of an element to Hex CE0034 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
#CE0034 }
```

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

```
.border{ border-color:#CE0034 }
```

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

Here you see how a box with a 4 pixel #CE0034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE0034; -webkit-box-shadow:4px 4px  
4px 4px #CE0034; box-shadow:4px 4px 4px  
4px #CE0034 }
```

# Background

The CSS property to change the background color of an element to Hex CE0034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE0034 }
```

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

```
.background{ background-color:#CE0034 }
```

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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