

Converting Colors

Hex(CE000A)

Have a look what the booklet for
Hex(CE000A) contains.

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Color

Hex(CE000A)

Conversions

Conversions Part 1

Format	Color
Hex	CE000A
RGB	206, 0, 10
RGB Percent	81%, 0%, 4%
CMY	0.1922, 1.0000, 0.9608
CMYK	0.00, 1.00, 0.95, 0.19
HSL	357°, 100%, 40%
HSV	357°, 100%, 81%
XYZ	25.5084, 13.1437, 1.4797
YIQ	62.7340, 119.5660, 46.7820

Conversions

Conversions Part 2

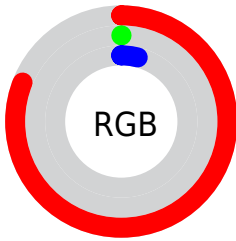
Format	Color
R_{YB}	206, 0, 10
Decimal	13500426
CIE Lab	42.98, 68.30, 53.96
CIE LCh	43, 87.041, 38.312
Yxy	13.1437, 0.6356, 0.3275
Android (android.graphics.Color)	4291690506 (0xFFCE000A)
YUV	62.7340, -25.9979, 125.6443
Hunter-Lab	36.2543, 62.1470, 22.9581

Details

The Hex color **CE000A** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00CEC4**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **FF563C**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CE000A**, and if you desaturate by 10%, it is **CE151E**.

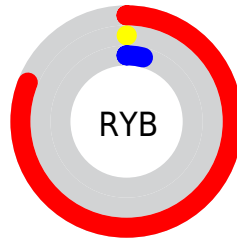
Distribution



Red (81%)

Green (0%)

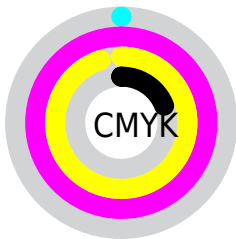
Blue (4%)



Red (81%)

Yellow (0%)

Blue (4%)

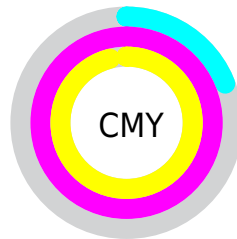


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (19%)



Cyan (19%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE000A 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 CE000A by changing the saturation by 10% instead.

 CE000A

 CE000A

 FFFFF6

 AE0000

 FF563C

 8D0000

 FF7354

 6D0000

 FF916D

 4F0003

 FFAE87

 310002

 FFCBA2

 000000

 FFE9BD

 FFFFD9

 CE000A

 CE151E

 CE2931

 CE3E45

 CE5258

 CE676C

 CE7C80

 CE9093

 CEA5A7

 CEB9BA

Harmonies

Analogous

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



DD0055



CE000A



A54D00

Triad

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



CE000A



007E2B



006AF7

Complementary

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



CE000A



00CEC4

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.



007CEE



CE000A



008179

Square

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



CE000A



007800



0081BF



7745D9

Rectangle

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



CE000A



806200



0081BF



0072F9

Sweetspot

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



CE000A



FFB3B6



C400CE



805254



000000



808080

Same Dimension

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



CE000A



FF000C



CE5D00



665C5C



A60008



260002

Inverse Universe

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



CE000A



FF000C



0071CE



665C5C



A60008



260002

Previews

White Background



This preview shows how the Hex color CE000A looks on a white background.

Color Contrast Check

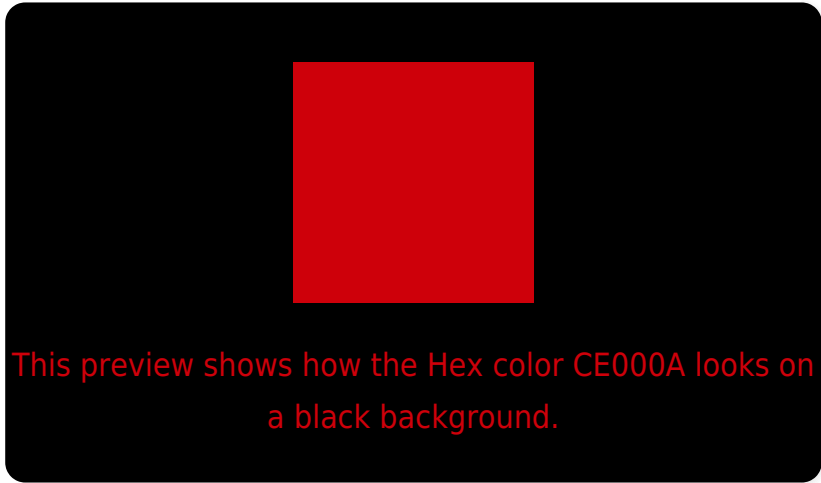
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE000A Background



This preview shows how black text looks on a background with the Hex color CE000A.



This preview shows how white text looks on a background with the Hex color CE000A.

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
CE000A

Protanopia
75681E

Deuteranopia
836300

Trichromacy



Original Color
CE000A

Protanomaly
954217

Deuteranomaly
9E3F04

Tritanomaly
CD0C04

Monochromacy



Original Color
CE000A

Achromatopsia
3F3F3F

Achromatomaly
73282C

CSS Examples

Text

The CSS property to change the color of the text to Hex CE000A 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 #CE000A looks like.

```
.text, #text, p{  
    color:#CE000A  
}
```

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 #CE000A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE000A
}
```

Border

The CSS property to change the border of an element to Hex CE000A 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".

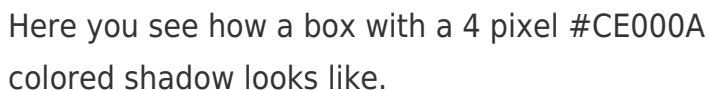
```
.border, #border, table{ border:4px solid
#CE000A }
```

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

```
.border{ border-color:#CE000A }
```

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

Here you see how a box with a 4 pixel #CE000A colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #CE000A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE000A; -webkit-box-shadow:4px 4px  
4px 4px #CE000A; box-shadow:4px 4px 4px  
4px #CE000A }
```

Background

The CSS property to change the background color of an element to Hex CE000A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE000A }
```

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

```
.background{ background-color:#CE000A }
```

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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