

Converting Colors

Hex(C3010E)

Have a look what the booklet for
Hex(C3010E) contains.

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Color

Hex(C3010E)

Conversions

Conversions Part 1

Format	Color
Hex	C3010E
RGB	195, 1, 14
RGB Percent	76%, 0%, 5%
CMY	0.2353, 0.9961, 0.9451
CMYK	0.00, 0.99, 0.93, 0.24
HSL	356°, 99%, 38%
HSV	356°, 99%, 76%
XYZ	22.5958, 11.6555, 1.4743
YIQ	60.4880, 111.4510, 45.1710

Conversions

Conversions Part 2

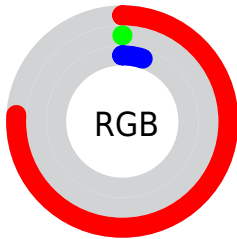
Format	Color
R_{YB}	195, 1, 14
Decimal	12779790
CIE Lab	40.66, 65.50, 50.03
CIE LCh	41, 82.422, 37.370
Yxy	11.6555, 0.6325, 0.3263
Android (android.graphics.Color)	4290969870 (0xFFC3010E)
YUV	60.4880, -22.9186, 117.9670
Hunter-Lab	34.1402, 58.3955, 21.3378

Details

The Hex color **C3010E** 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 **01C3B6**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **FF533D**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C3000D**, and if you desaturate by 10%, it is **C31420**.

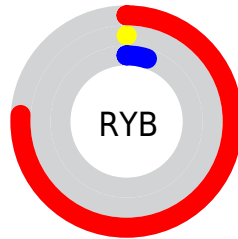
Distribution



Red (76%)

Green (0%)

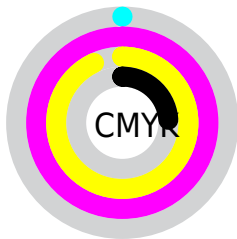
Blue (5%)



Red (76%)

Yellow (0%)

Blue (5%)

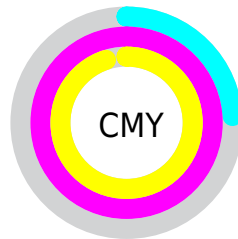


Cyan (0%)

Magenta (99%)

Yellow (93%)

Black (24%)



Cyan (24%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3010E 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 C3010E by changing the saturation by 10% instead.

 C3010E

 C3010E

 FFFFF7

 A30000

 FF533D

 830000

 FF7156

 630000

 FF8E6F

 470003

 FFAA88

 270001

 FFC8A3

 000000

 FFE5BE

 FFFFDB

 C3010E

 C3010E

 C3000D

 C31420

 C32832

 C33C45

 C34F57

 C36269

 C3767B

 C3898D

 C39DA0

 C3B1B2

Harmonies

Analogous

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



D00053



C3010E



9D4700

Triad

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



C3010E



007726



0065E9

Complementary

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



C3010E



01C3B6

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.



0075DF



C3010E



007A70

Square

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



C3010E



007100



007AB1



6D43CD

Rectangle

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



C3010E



7B5C00



007AB1



006CEA

Sweetspot

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



C3010E



FCB1B6



B301C3



805255



000000



808080

Same Dimension

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



C3010E



FC0011



C35201



615758



A1000B



210002

Inverse Universe

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



C3010E



FC0011



0172C3



615758



A1000B



210002

Previews

White Background



This preview shows how the Hex color C3010E looks on a white background.

Color Contrast Check

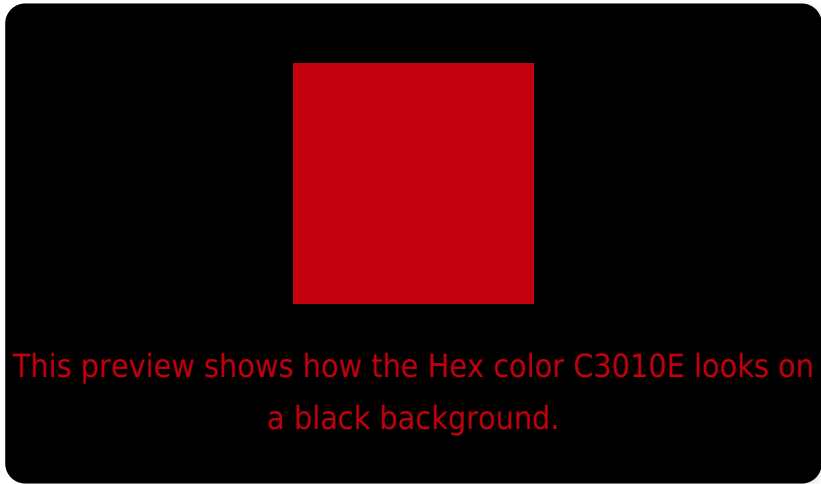
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3010E Background



This preview shows how black text looks on a background with the Hex color C3010E.



This preview shows how white text looks on a background with the Hex color C3010E.

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
C3010E

Protanopia
6E631F

Deuteranopia
7C5D00

Trichromacy



Original Color
C3010E

Protanomaly
8D3F19

Deuteranomaly
963C05

Tritanomaly
C20C05

Monochromacy



Original Color
C3010E

Achromatopsia
3C3C3C

Achromatomaly
6D272B

CSS Examples

Text

The CSS property to change the color of the text to Hex C3010E 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 #C3010E looks like.

```
.text, #text, p{  
    color:#C3010E  
}
```

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 #C3010E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3010E
}
```

Border

The CSS property to change the border of an element to Hex C3010E is called "border". The border property can be set on classes, ids or directly on the HTML element.

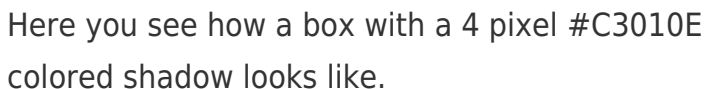
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3010E }
```

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

```
.border{ border-color:#C3010E }
```

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



Here you see how a box with a 4 pixel `#C3010E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3010E; -webkit-box-shadow:4px 4px  
4px 4px #C3010E; box-shadow:4px 4px 4px  
4px #C3010E }
```

Background

The CSS property to change the background color of an element to Hex C3010E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3010E }
```

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

```
.background{ background-color:#C3010E }
```

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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