

Converting Colors

Hex(C30013)

Have a look what the booklet for
Hex(C30013) contains.

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Color

Hex(C30013)

Conversions

Conversions Part 1

Format	Color
Hex	C30013
RGB	195, 0, 19
RGB Percent	76%, 0%, 7%
CMY	0.2353, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.90, 0.24
HSL	354°, 100%, 38%
HSV	354°, 100%, 76%
XYZ	22.6232, 11.6491, 1.6722
YIQ	60.4710, 110.1210, 47.2490

Conversions

Conversions Part 2

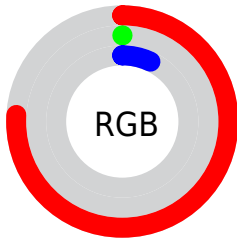
Format	Color
RYB	195, 0, 19
Decimal	12779539
CIELab	40.65, 65.67, 47.96
CIElCh	41, 81.324, 36.142
Yxy	11.6491, 0.6294, 0.3241
Android (android.graphics.Color)	4290969619 (0xFFC30013)
YUV	60.4710, -20.4452, 117.9819
Hunter-Lab	34.1308, 58.5878, 20.9867

Details

The Hex color **C30013** 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 **00C3B0**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **FF5341**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C30013**, and if you desaturate by 10%, it is **C31325**.

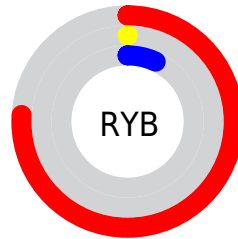
Distribution



Red (76%)

Green (0%)

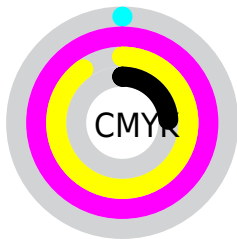
Blue (7%)



Red (76%)

Yellow (0%)

Blue (7%)

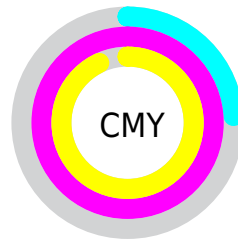


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (24%)



Cyan (24%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C30013 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 C30013 by changing the saturation by 10% instead.

 C30013

 C30013

 FFFFFB

 A30000

 FF5341

 830000

 FF7159

 640000

 FF8D73

 470003

 FFAA8C

 270001

 FFC8A7

 000000

 FFE5C3

 FFFFDF

 C30013

 C31325

 C32736

 C33B48

 C34E59

 C3626B

 C3757D

 C3888E

 C39CA0

 C3B0B1

Harmonies

Analogous

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



CE0056



C30013



9F4600

Triad

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



C30013



007724



0065E7

Complementary

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



C30013



00C3B0

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.



0075DC



C30013



007A6C

Square

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



C30013



117000



007AAE



6845CE

Rectangle

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



C30013



7D5B00



007AAE



006CE8

Sweetspot

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



C30013



FCB1B8



B000C3



805256



000000



808080

Same Dimension

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



C30013



FC0019



C34E00



615758



A10010



210003

Inverse Universe

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



C30013



FC0019



0075C3



615758



A10010



210003

Previews

White Background



This preview shows how the Hex color C30013 looks on a white background.

Color Contrast Check

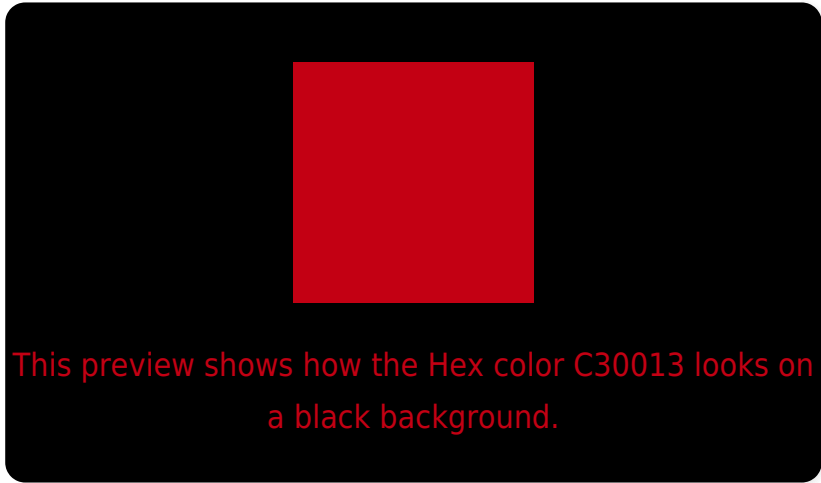
Large Text (above 18pt) WCAG AA ✓ Pass

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 C30013 Background



This preview shows how black text looks on a background with the Hex color C30013.



This preview shows how white text looks on a background with the Hex color C30013.

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
C30013

Protanopia
6E6324

Deuteranopia
7C5D00



Trichromacy



Original Color
C30013

Protanomaly
8D3F1E

Deuteranomaly
963B07

Tritanomaly
C20B07

Monochromacy



Original Color
C30013

Achromatopsia
3C3C3C

Achromatomaly
6D262D

CSS Examples

Text

The CSS property to change the color of the text to Hex C30013 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 #C30013 looks like.

```
.text, #text, p{  
    color:#C30013  
}
```

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 #C30013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C30013 }  
}
```

Border

The CSS property to change the border of an element to Hex C30013 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".

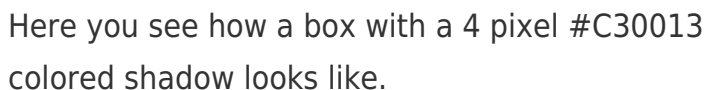
```
.border, #border, table{ border:4px solid #C30013 }  
}
```

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

```
.border{ border-color:#C30013 }
```

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

Here you see how a box with a 4 pixel #C30013 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 #C30013 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C30013; -webkit-box-shadow:4px 4px  
4px 4px #C30013; box-shadow:4px 4px 4px  
4px #C30013 }
```

Background

The CSS property to change the background color of an element to Hex C30013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C30013 }
```

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

```
.background{ background-color:#C30013 }
```

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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