

Converting Colors

Hex(68010C)

Have a look what the booklet for
Hex(68010C) contains.

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Color

Hex(68010C)

Conversions

Conversions Part 1

Format	Color
Hex	68010C
RGB	104, 1, 12
RGB Percent	41%, 0%, 5%
CMY	0.5922, 0.9961, 0.9529
CMYK	0.00, 0.99, 0.88, 0.59
HSL	354°, 98%, 21%
HSV	354°, 99%, 41%
XYZ	5.7861, 2.9913, 0.6202
YIQ	33.0510, 57.8570, 25.2570

Conversions

Conversions Part 2

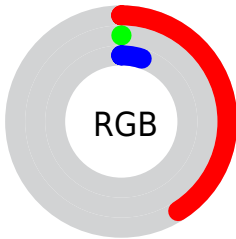
Format	Color
R_{YB}	104, 1, 12
Decimal	6816012
CIE Lab	20.01, 41.48, 25.63
CIE LCh	20, 48.758, 31.708
Yxy	2.9913, 0.6157, 0.3183
Android (android.graphics.Color)	4285006092 (0xFF68010C)
YUV	33.0510, -10.3781, 62.2223
Hunter-Lab	17.2954, 29.4498, 9.9805

Details

The Hex color **68010C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **01685D**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **A23D37**, and **330002** is the 20% darker color. If you saturate the color by 10%, you get **68000B**, and if you desaturate by 10%, it is **680B15**.

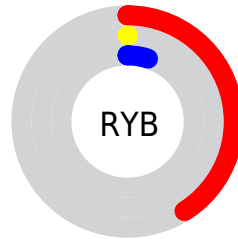
Distribution



Red (41%)

Green (0%)

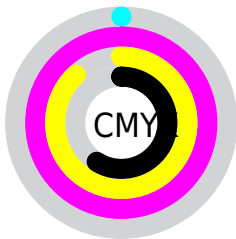
Blue (5%)



Red (41%)

Yellow (0%)

Blue (5%)

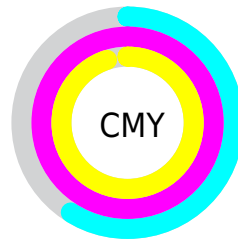


Cyan (0%)

Magenta (99%)

Yellow (88%)

Black (59%)



Cyan (59%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68010C 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 68010C by changing the saturation by 10% instead.

 68010C

 68010C

 FFFCEC

 4C0000

 A23D37

 330002

 BF574E

 000000

 DE7166

 FC8B7F

 FFA699

 FFC2B4

 FFDFCF

 68010C

 68010C

■ 68000B

■ 680B15

■ 68161F

■ 682028

■ 682B31

■ 68353A

■ 683F44

■ 684A4D

■ 685456

■ 685F60

Harmonies

Analogous

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



6B0030



68010C



562000

Triad

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



68010C



003D0A



003579

Complementary

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



68010C



01685D

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.



003C70



68010C



003E32

Square

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



68010C



153800



003F55



2B256E

Rectangle

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



68010C



452B00



003F55



003878

Sweetspot

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



68010C



875F63



5C0168



452C2F



C4C4C4



454545

Same Dimension

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



68010C



87000E



682801



332E2E



73000C



F2001A

Inverse Universe

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



68010C



87000E



014168



332E2E



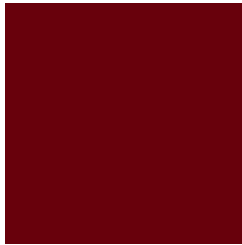
73000C



F2001A

Previews

White Background



This preview shows how the Hex color 68010C looks on a white background.

Color Contrast Check

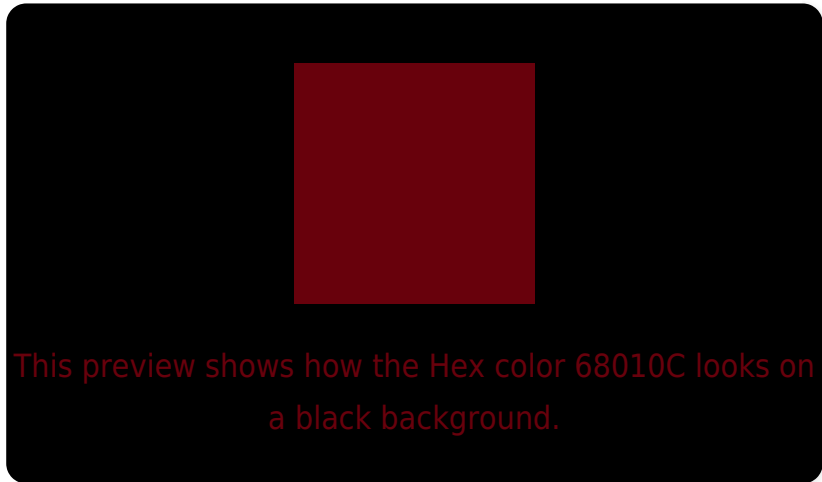
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 68010C Background



This preview shows how black text looks on a background with the Hex color 68010C.



This preview shows how white text looks on a background with the Hex color 68010C.

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
68010C

Protanopia
3B3515

Deuteranopia
423200



Tritanopia
670900

Trichromacy



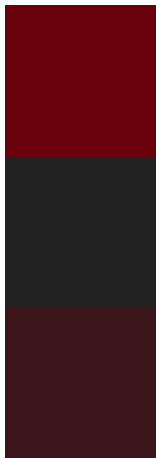
Original Color
68010C

Protanomaly
4B2212

Deuteranomaly
502004

Tritanomaly
670604

Monochromacy



Original Color
68010C

Achromatopsia
212121

Achromatomaly
3B1519

CSS Examples

Text

The CSS property to change the color of the text to Hex 68010C 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 #68010C looks like.

```
.text, #text, p{  
    color:#68010C  
}
```

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 #68010C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68010C
}
```

Border

The CSS property to change the border of an element to Hex 68010C is called "border". The border property can be set on classes, ids or directly on the HTML element.

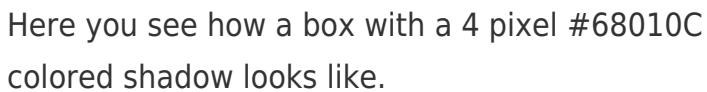
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68010C }
```

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

```
.border{ border-color:#68010C }
```

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



Here you see how a box with a 4 pixel #68010C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68010C; -webkit-box-shadow:4px 4px  
4px 4px #68010C; box-shadow:4px 4px 4px  
4px #68010C }
```

Background

The CSS property to change the background color of an element to Hex 68010C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68010C }
```

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

```
.background{ background-color:#68010C }
```

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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