

# Converting Colors

Hex(6C0313)

Have a look what the booklet for  
Hex(6C0313) contains.

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**Color**

**Hex(6C0313)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C0313
RGB	108, 3, 19
RGB Percent	42%, 1%, 7%
CMY	0.5765, 0.9882, 0.9255
CMYK	0.00, 0.97, 0.82, 0.58
HSL	351°, 95%, 22%
HSV	351°, 97%, 42%
XYZ	6.3344, 3.3003, 0.9193
YIQ	36.2190, 57.4440, 27.2360

# Conversions

## Conversions Part 2

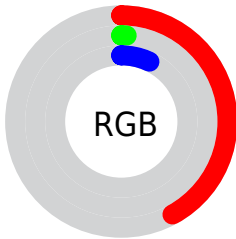
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 3, 19
Decimal	7078675
CIELab	21.21, 42.34, 23.42
CIELCh	21, 48.382, 28.948
Yxy	3.3003, 0.6002, 0.3127
Android (android.graphics.Color)	4285268755 (0xFF6C0313)
YUV	36.2190, -8.4890, 62.9519
Hunter-Lab	18.1667, 30.4485, 9.7166

# Details

The Hex color **6C0313** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **036C5C**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **A63F3D**, and **360001** is the 20% darker color. If you saturate the color by 10%, you get **6C0010**, and if you desaturate by 10%, it is **6C0E1C**.

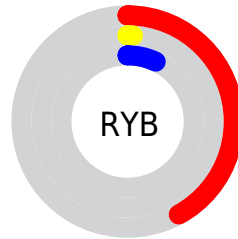
# Distribution



Red (42%)

Green (1%)

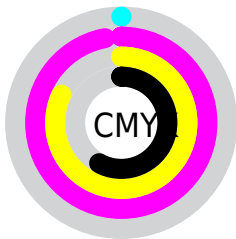
Blue (7%)



Red (42%)

Yellow (1%)

Blue (7%)

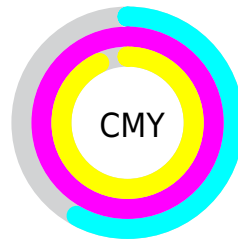


Cyan (0%)

Magenta (97%)

Yellow (82%)

Black (58%)



Cyan (58%)

Magenta (99%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C0313 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 6C0313 by changing the saturation by 10% instead.



 6C0313

 6C0313

 FFFFF3

 500000

 A63F3D

 360001

 C45954

 0C0000

 E2736D

 000000

 FF8E86

 FFA9A0

 FFC5BB

 FFE2D7

 6C0313

 6C0313

■ 6C0010

■ 6C0E1C

■ 6C1925

■ 6C232E

■ 6C2E38

■ 6C3941

■ 6C444A

■ 6C4F53

■ 6C595C

■ 6C6465

# Harmonies

## Analogous

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



6E0036



6C0313



5C2100

# Triad

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



6C0313



003F08



00387C

# Complementary

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



6C0313



036C5C

# 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.



003F71



6C0313



004131

# Square

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



6C0313



1D3A00



004155



272A72

# Rectangle

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



6C0313



4B2D00



004155



003B7A



# Sweetspot

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



6C0313



8C646A



5B036C



472E32



C7C7C7



474747



# Same Dimension

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



6C0313



8C0015



6C2603



363031



750012



F50025



# Inverse Universe

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



6C0313



8C0015



03496C



363031



750012

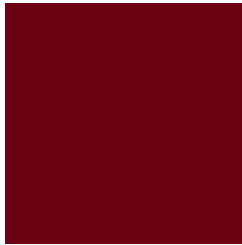


F50025



# Previews

## White Background



This preview shows how the Hex color 6C0313 looks on a white background.

## Color Contrast Check

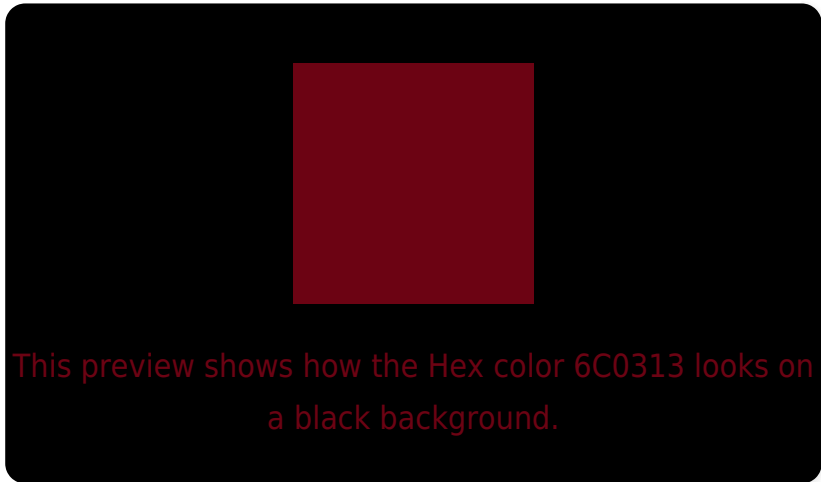
Large Text (above 18pt) WCAG AA ✓ Pass

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

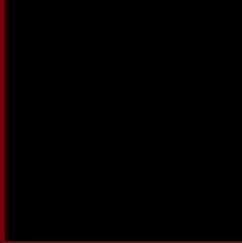
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C0313 Background



This preview shows how black text looks on a background with the Hex color 6C0313.



This preview shows how white text looks on a background with the Hex color 6C0313.

# 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**  
6C0313

**Protanopia**  
3C371E

**Deuteranopia**  
453409



# Trichromacy



**Original Color**  
6C0313

**Protanomaly**  
4D241A

**Deuteranomaly**  
53220D

**Tritanomaly**  
6C0707

# Monochromacy



**Original Color**  
6C0313

**Achromatopsia**  
242424

**Achromatomaly**  
3E181E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C0313 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 #6C0313 looks like.

```
.text, #text, p{  
    color:#6C0313  
}
```

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 #6C0313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C0313
}
```

## Border

The CSS property to change the border of an element to Hex 6C0313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

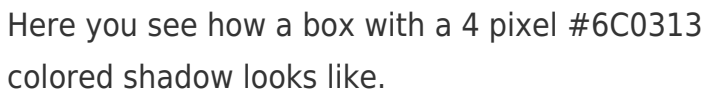
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C0313 }
```

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

```
.border{ border-color:#6C0313 }
```

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



Here you see how a box with a 4 pixel #6C0313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C0313; -webkit-box-shadow:4px 4px  
4px 4px #6C0313; box-shadow:4px 4px 4px  
4px #6C0313 }
```

# Background

The CSS property to change the background color of an element to Hex 6C0313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C0313 }
```

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

```
.background{ background-color:#6C0313 }
```

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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