

# Converting Colors

Hex(671311)

Have a look what the booklet for  
Hex(671311) contains.

<b>Hex(671311)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(671311)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	671311
RGB	103, 19, 17
RGB Percent	40%, 7%, 7%
CMY	0.5961, 0.9255, 0.9333
CMYK	0.00, 0.82, 0.83, 0.60
HSL	1°, 72%, 24%
HSV	1°, 83%, 40%
XYZ	5.9276, 3.3898, 0.8722
YIQ	43.8880, 50.7060, 17.1860

# Conversions

## Conversions Part 2

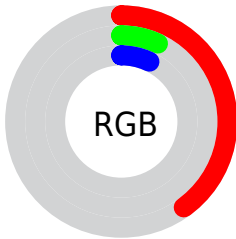
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 19, 17
Decimal	6755089
CIE Lab	21.54, 36.46, 24.67
CIE LCh	22, 44.023, 34.076
Yxy	3.3898, 0.5817, 0.3327
Android (android.graphics.Color)	4284945169 (0xFF671311)
YUV	43.8880, -13.2558, 51.8412
Hunter-Lab	18.4114, 25.2485, 10.0792

# Details

The Hex color **671311** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **116567**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **A0463B**, and **320001** is the 20% darker color. If you saturate the color by 10%, you get **670907**, and if you desaturate by 10%, it is **671D1B**.

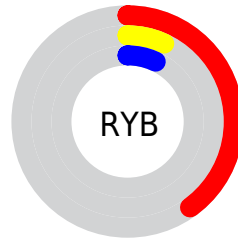
# Distribution



Red (40%)

Green (7%)

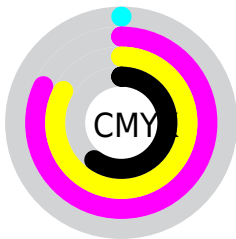
Blue (7%)



Red (40%)

Yellow (7%)

Blue (7%)

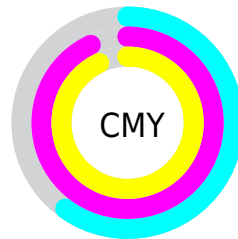


Cyan (0%)

Magenta (82%)

Yellow (83%)

Black (60%)



Cyan (60%)

Magenta (93%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 671311 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 671311 by changing the saturation by 10% instead.



 671311

 671311

 FFFFF2

 4C0000

 A0463B

 320001

 BD5F53

 000000

 DB796B

 F99484

 FFAF9E

 FFCBB9

 FFE8D5

 671311

 671311

■ 670907

■ 671D1B

■ 670200

■ 672726

■ 673130

■ 673B3A

■ 674545

■ 674F4F

■ 675959

■ 676363

■ 676E6E

# Harmonies

## Analogous

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



6B0231



671311



562700

# Triad

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



671311



004015



003775

# Complementary

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



671311



116567

# 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.



003E6F



671311



004137

# Square

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



671311



1B3C00



004158



36286A

# Rectangle

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



671311



463000



004158



003A75



# Sweetspot

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



671311



876665



671166



453130



C4C4C4



454545



# Same Dimension

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



671311



870300



673D11



332E2E



730300



F20600



# Inverse Universe

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



116567



008487



113B67



2E3333



007073

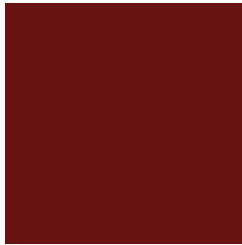


00EDF2



# Previews

## White Background



This preview shows how the Hex color 671311 looks on a white background.

## Color Contrast Check

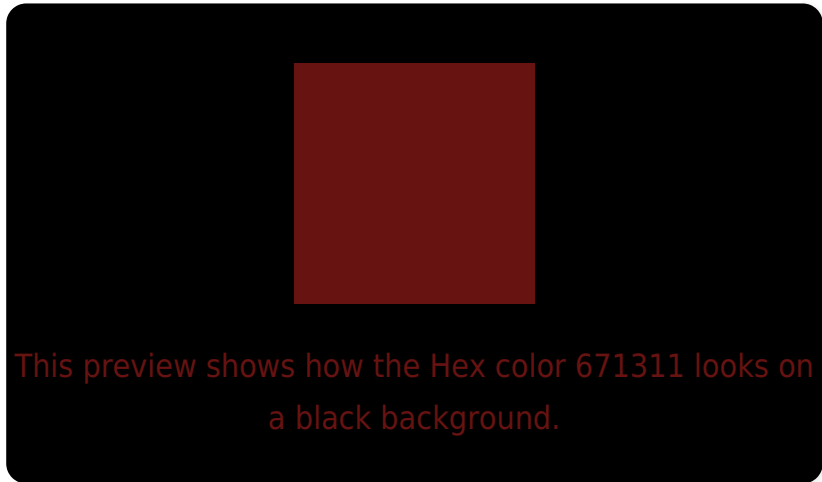
Large Text (above 18pt) WCAG AA ✓ Pass

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

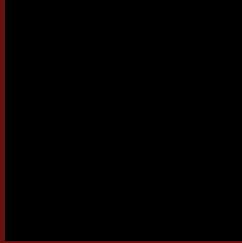
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 671311 Background



This preview shows how black text looks on a background with the Hex color 671311.



This preview shows how white text looks on a background with the Hex color 671311.

# 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**  
671311

**Protanopia**  
3C361A

**Deuteranopia**  
443306



# Trichromacy



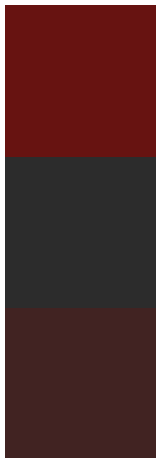
**Original Color**  
671311

**Protanomaly**  
4C2917

**Deuteranomaly**  
51270A

**Tritanomaly**  
671312

# Monochromacy



**Original Color**  
671311

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
412322

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 671311 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 #671311 looks like.

```
.text, #text, p{  
    color:#671311  
}
```

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 #671311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #671311
}
```

## Border

The CSS property to change the border of an element to Hex 671311 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".

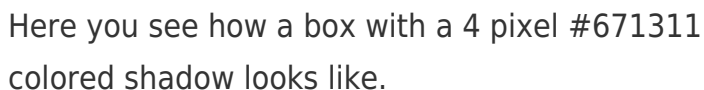
```
.border, #border, table{ border:4px solid
#671311 }
```

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

```
.border{ border-color:#671311 }
```

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

Here you see how a box with a 4 pixel #671311 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #671311; -webkit-box-shadow:4px 4px  
4px 4px #671311; box-shadow:4px 4px 4px  
4px #671311 }
```

# Background

The CSS property to change the background color of an element to Hex 671311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#671311 }
```

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

```
.background{ background-color:#671311 }
```

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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