

# Converting Colors

Hex(661B11)

Have a look what the booklet for  
Hex(661B11) contains.

<b>Hex(661B11)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(661B11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	661B11
RGB	102, 27, 17
RGB Percent	40%, 11%, 7%
CMY	0.6000, 0.8941, 0.9333
CMYK	0.00, 0.74, 0.83, 0.60
HSL	7°, 71%, 23%
HSV	7°, 83%, 40%
XYZ	5.9726, 3.6491, 0.9199
YIQ	48.2850, 47.9100, 12.7900

# Conversions

## Conversions Part 2

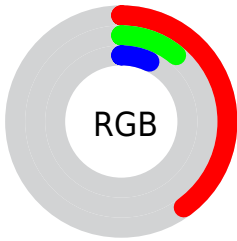
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 28, 17
Decimal	6691601
CIE <sub>Lab</sub>	22.48, 32.94, 25.59
CIE <sub>LCh</sub>	22, 41.713, 37.848
Yxy	3.6491, 0.5666, 0.3462
Android (android.graphics.Color)	4284881681 (0xFF661B11)
YUV	48.2850, -15.4235, 47.1081
Hunter-Lab	19.1027, 22.3798, 10.5168

# Details

The Hex color **661B11** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **115C66**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **9F4C3C**, and **310000** is the 20% darker color. If you saturate the color by 10%, you get **661207**, and if you desaturate by 10%, it is **66241B**.

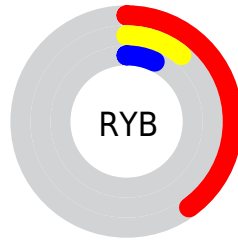
# Distribution



Red (40%)

Green (11%)

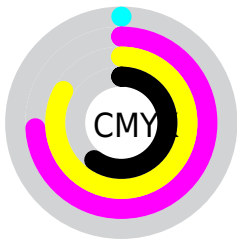
Blue (7%)



Red (40%)

Yellow (11%)

Blue (7%)

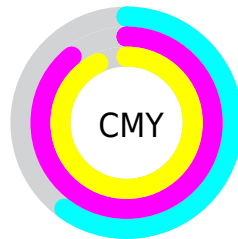


Cyan (0%)

Magenta (74%)

Yellow (83%)

Black (60%)



Cyan (60%)

Magenta (89%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 661B11 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 661B11 by changing the saturation by 10% instead.



 661B11

 661B11

 FFFFF2

 4B0000

 9F4C3C

 310000

 BC6553

 010000

 D97F6B

 000000

 F79985

 FF59F

 FFD0BA

 FFEDD6

 661B11

 661B11

■ 661207

■ 66241B

■ 660C00

■ 662D25

■ 663630

■ 663F3A

■ 664844

■ 66514E

■ 665A58

■ 666363

■ 666C6D

# Harmonies

## Analogous

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



6B0E2F



661B11



552B00

# Triad

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



661B11



00421D



003774

# Complementary

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



661B11



115C66

# 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.



003F6F



661B11



00433D

# Square

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



661B11



193E00



00435B



3F2967

# Rectangle

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



661B11



453400



00435B



003A74



# Sweetspot

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



661B11



856763



66115C



42312E



C2C2C2



424242



# Same Dimension

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



661B11



851000



664511



332F2E



730E00



F21D00



# Inverse Universe

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



115C66



007585



113266



2E3233



006573

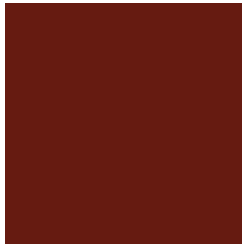


00D6F2



# Previews

## White Background



This preview shows how the Hex color 661B11 looks on a white background.

## Color Contrast Check

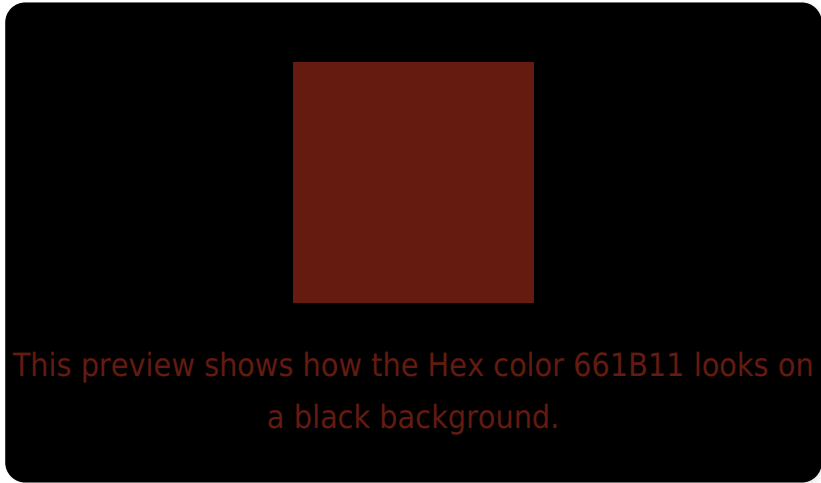
Large Text (above 18pt) WCAG AA ✓ Pass

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 661B11 Background



This preview shows how black text looks on a background with the Hex color 661B11.

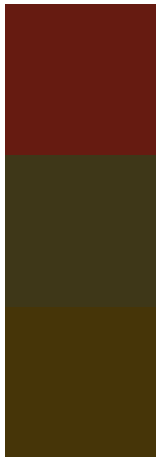


This preview shows how white text looks on a background with the Hex color 661B11.

# 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**  
661B11

**Protanopia**  
3E3718

**Deuteranopia**  
463508



**Tritanopia**  
661A1B

# Trichromacy



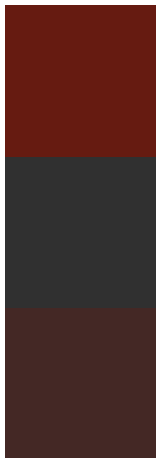
**Original Color**  
661B11

**Protanomaly**  
4D2D15

**Deuteranomaly**  
522C0B

**Tritanomaly**  
661A17

# Monochromacy



**Original Color**  
661B11

**Achromatopsia**  
303030

**Achromatomaly**  
442825

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 661B11 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 #661B11 looks like.

```
.text, #text, p{  
    color:#661B11  
}
```

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 #661B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #661B11
}
```

## Border

The CSS property to change the border of an element to Hex 661B11 is called "border". The border property can be set on classes, ids or directly on the HTML element.

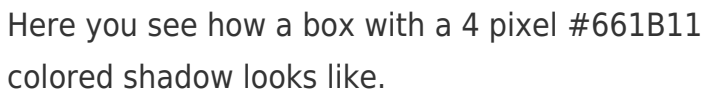
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#661B11 }
```

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

```
.border{ border-color:#661B11 }
```

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



Here you see how a box with a 4 pixel #661B11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #661B11; -webkit-box-shadow:4px 4px  
4px 4px #661B11; box-shadow:4px 4px 4px  
4px #661B11 }
```

# Background

The CSS property to change the background color of an element to Hex 661B11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#661B11 }
```

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

```
.background{ background-color:#661B11 }
```

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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