

# Converting Colors

Hex(661D11)

Have a look what the booklet for  
Hex(661D11) contains.

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**Color**

**Hex(661D11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	661D11
RGB	102, 29, 17
RGB Percent	40%, 11%, 7%
CMY	0.6000, 0.8863, 0.9333
CMYK	0.00, 0.72, 0.83, 0.60
HSL	8°, 71%, 23%
HSV	8°, 83%, 40%
XYZ	6.0200, 3.7440, 0.9357
YIQ	49.4590, 47.3600, 11.7440

# Conversions

## Conversions Part 2

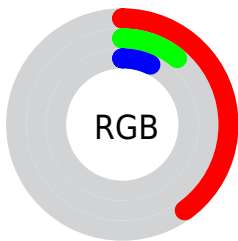
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 31, 17
Decimal	6692113
CIELab	22.81, 32.04, 25.94
CIELCh	23, 41.222, 38.993
Yxy	3.7440, 0.5626, 0.3499
Android (android.graphics.Color)	4284882193 (0xFF661D11)
YUV	49.4590, -16.0023, 46.0785
Hunter-Lab	19.3494, 21.6740, 10.6775

# Details

The Hex color **661D11** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **115A66**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9E4E3C**, and **310000** is the 20% darker color. If you saturate the color by 10%, you get **661407**, and if you desaturate by 10%, it is **66261B**.

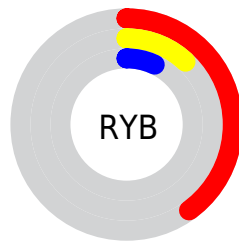
# Distribution



Red (40%)

Green (11%)

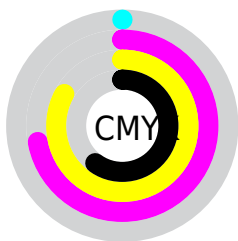
Blue (7%)



Red (40%)

Yellow (12%)

Blue (7%)

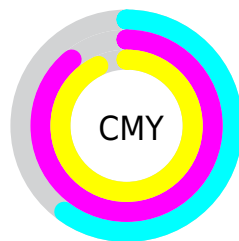


Cyan (0%)

Magenta (72%)

Yellow (83%)

Black (60%)



Cyan (60%)

Magenta (89%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 661D11 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 661D11 by changing the saturation by 10% instead.



 661D11

 661D11

 FFFFF2

 4B0200

 9E4E3C

 310000

 BB6753

 030000

 D9806C

 000000

 F79B85

 FFB69F

 FFD2BA

 FFEFD6

 661D11

 661D11

■ 661407

■ 66261B

■ 660E00

■ 662F25

■ 663730

■ 66403A

■ 664944

■ 66524E

■ 665A58

■ 666363

■ 666C6D

# Harmonies

## Analogous

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



6C102F



661D11



552D00

# Triad

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



661D11



00421F



003774

# Complementary

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



661D11



115A66

# 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.



004070



661D11



00443F

# Square

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



661D11



193F00



00435D



422967

# Rectangle

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



661D11



453500



00435D



003B74



# Sweetspot

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



661D11



856863



66115B



42312E



C2C2C2



424242



# Same Dimension

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



661D11



851300



664711



332F2E



731000



F22200



# Inverse Universe

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



115A66



007285



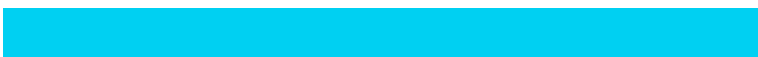
113066



2E3233



006373

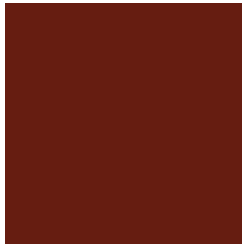


00D0F2



# Previews

## White Background



This preview shows how the Hex color 661D11 looks on a white background.

## Color Contrast Check

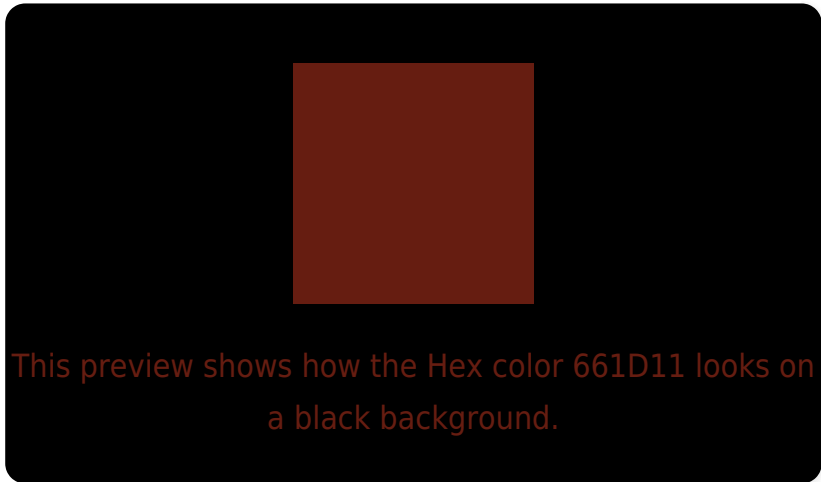
Large Text (above 18pt) WCAG AA ✓ Pass

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

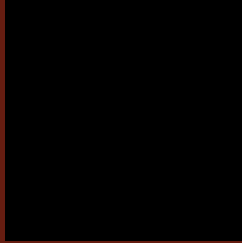
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 661D11 Background



This preview shows how black text looks on a background with the Hex color 661D11.

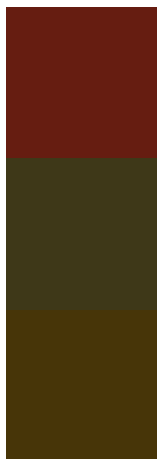


This preview shows how white text looks on a background with the Hex color 661D11.

# 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**  
661D11

**Protanopia**  
3E3818

**Deuteranopia**  
473508



# Trichromacy



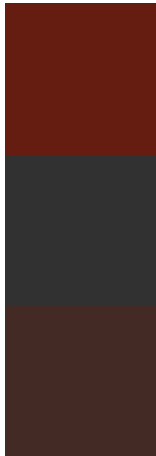
**Original Color**  
661D11

**Protanomaly**  
4D2E15

**Deuteranomaly**  
522C0B

**Tritanomaly**  
661C19

# Monochromacy



**Original Color**  
661D11

**Achromatopsia**  
313131

**Achromatomaly**  
442A25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 661D11 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 #661D11 looks like.

```
.text, #text, p{  
    color:#661D11  
}
```

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 #661D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #661D11
}
```

## Border

The CSS property to change the border of an element to Hex 661D11 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".

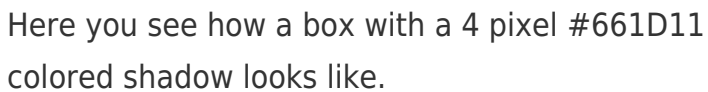
```
.border, #border, table{ border:4px solid
#661D11 }
```

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

```
.border{ border-color:#661D11 }
```

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

Here you see how a box with a 4 pixel #661D11 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 #661D11; -webkit-box-shadow:4px 4px  
4px 4px #661D11; box-shadow:4px 4px 4px  
4px #661D11 }
```

# Background

The CSS property to change the background color of an element to Hex 661D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#661D11 }
```

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

```
.background{ background-color:#661D11 }
```

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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