

# Converting Colors

Hex(61311F)

Have a look what the booklet for  
Hex(61311F) contains.

<b>Hex(61311F)</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(61311F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61311F
RGB	97, 49, 31
RGB Percent	38%, 19%, 12%
CMY	0.6196, 0.8078, 0.8784
CMYK	0.00, 0.49, 0.68, 0.62
HSL	16°, 52%, 25%
HSV	16°, 68%, 38%
XYZ	6.2754, 4.8369, 1.8992
YIQ	61.3000, 34.3860, 4.5780

# Conversions

## Conversions Part 2

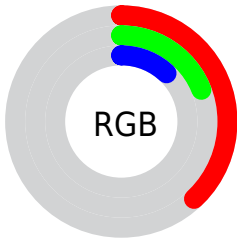
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 56, 31
Decimal	6369567
CIELab	26.27, 19.91, 21.00
CIELCh	26, 28.940, 46.530
Yxy	4.8369, 0.4823, 0.3717
Android (android.graphics.Color)	4284559647 (0xFF61311F)
YUV	61.3000, -14.9379, 31.3089
Hunter-Lab	21.9930, 12.4446, 10.2752

# Details

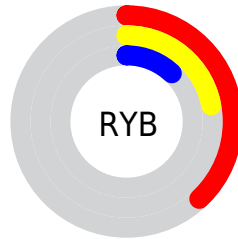
The Hex color **61311F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F4F61**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **97604B**, and **2E0500** is the 20% darker color. If you saturate the color by 10%, you get **612A15**, and if you desaturate by 10%, it is **613829**.

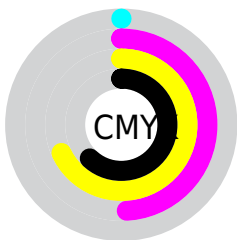
# Distribution



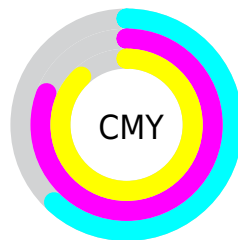
- Red (38%)
- Green (19%)
- Blue (12%)



- Red (38%)
- Yellow (22%)
- Blue (12%)



- Cyan (0%)
- Magenta (49%)
- Yellow (68%)
- Black (62%)



- Cyan (62%)
- Magenta (81%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61311F 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 61311F by changing the saturation by 10% instead.



 61311F

 61311F

FFFFFF

 471B08

 97604B

 2E0500

 B37963

 0A0000

 CF937C

 000000

 ECAE96

 FFC9B1

 FFE5CD

 FFFFEE

 61311F

 61311F

■ 612A15

■ 613829

■ 61230C

■ 613F32

■ 611C02

■ 61463C

■ 611A00

■ 614D46

■ 615450

■ 615B59

■ 616263

■ 61696D

■ 617076

# Harmonies

## Analogous

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



672B33



61311F



533912

# Triad

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



61311F



004833



2D3C68

# Complementary

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



61311F



1F4F61

# 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.



004369



61311F



00494A

# Square

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



61311F



25461E



00485E



4F335D

# Rectangle

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



61311F



463F0F



00485E



1C3F6A



# Sweetspot

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



61311F



7D6B64



611F4F



403530



BFBFBF



404040



# Same Dimension

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



61311F



7D3216



61521F



302D2C



701F00



F04100



# Inverse Universe

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



1F4F61



16617D



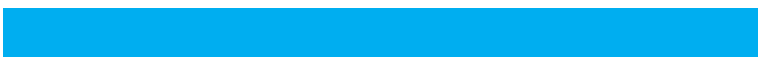
1F2E61



2C2F30



005270



00AEF0



# Previews

## White Background



This preview shows how the Hex color 61311F looks on a white background.

## Color Contrast Check

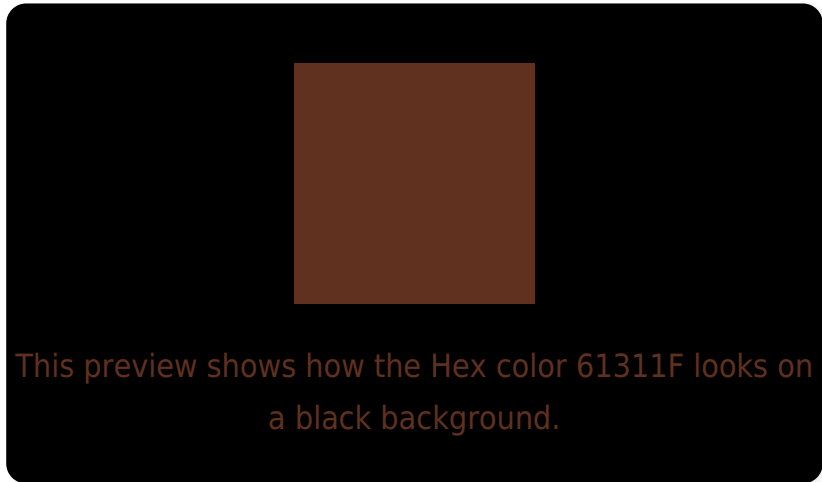
Large Text (above 18pt) WCAG AA ✓ Pass

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 61311F Background



This preview shows how black text looks on a background with the Hex color 61311F.

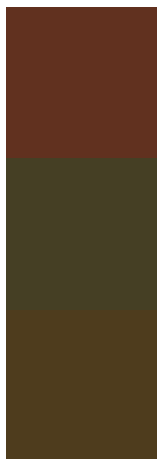


This preview shows how white text looks on a background with the Hex color 61311F.

# 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**  
61311F

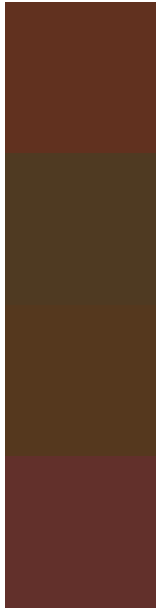
**Protanopia**  
453F24

**Deuteranopia**  
4E3C1D



**Tritanopia**  
622F32

# Trichromacy



**Original Color**  
61311F

**Protanomaly**  
4F3A22

**Deuteranomaly**  
55381E

**Tritanomaly**  
62302B

# Monochromacy



**Original Color**  
61311F

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
4A3932

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61311F 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 #61311F looks like.

```
.text, #text, p{  
    color:#61311F  
}
```

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 #61311F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61311F
}
```

## Border

The CSS property to change the border of an element to Hex 61311F is called "border". The border property can be set on classes, ids or directly on the HTML element.

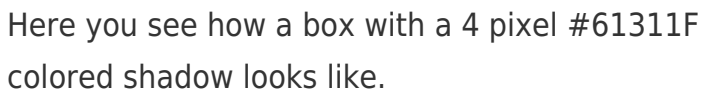
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61311F }
```

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

```
.border{ border-color:#61311F }
```

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



Here you see how a box with a 4 pixel #61311F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61311F; -webkit-box-shadow:4px 4px  
4px 4px #61311F; box-shadow:4px 4px 4px  
4px #61311F }
```

# Background

The CSS property to change the background color of an element to Hex 61311F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61311F }
```

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

```
.background{ background-color:#61311F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor