

# Converting Colors

Hex(61281F)

Have a look what the booklet for  
Hex(61281F) contains.

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# Color

**Hex(61281F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61281F
RGB	97, 40, 31
RGB Percent	38%, 16%, 12%
CMY	0.6196, 0.8431, 0.8784
CMYK	0.00, 0.59, 0.68, 0.62
HSL	8°, 52%, 25%
HSV	8°, 68%, 38%
XYZ	5.9359, 4.1579, 1.7860
YIQ	56.0170, 36.8610, 9.2850

# Conversions

## Conversions Part 2

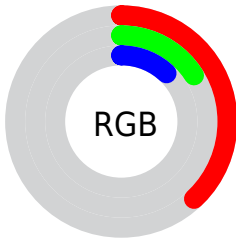
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 41, 31
Decimal	6367263
CIELab	24.19, 25.16, 18.47
CIELCh	24, 31.209, 36.288
Yxy	4.1579, 0.4997, 0.3500
Android (android.graphics.Color)	4284557343 (0xFF61281F)
YUV	56.0170, -12.3334, 35.9421
Hunter-Lab	20.3909, 16.2779, 9.0805

# Details

The Hex color **61281F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F5861**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **97574B**, and **2E0000** is the 20% darker color. If you saturate the color by 10%, you get **612015**, and if you desaturate by 10%, it is **613029**.

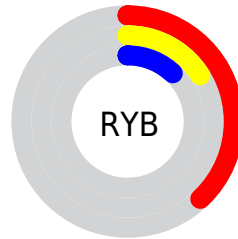
# Distribution



Red (38%)

Green (16%)

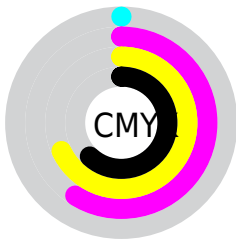
Blue (12%)



Red (38%)

Yellow (16%)

Blue (12%)

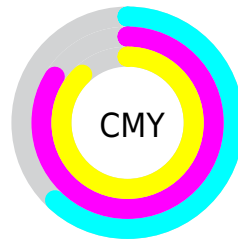


Cyan (0%)

Magenta (59%)

Yellow (68%)

Black (62%)



Cyan (62%)

Magenta (84%)


Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61281F 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 61281F by changing the saturation by 10% instead.



 61281F

 61281F

FFFFFF

 471108

 97574B

 2E0000

 B37063

 000000


 D08A7C

 EDA496

 FFC0B1

 FFDCCC

 FFF9E8

 61281F

 61281F

■ 612015

■ 613029

■ 61170C

■ 613932

■ 610F02

■ 61413C

■ 610D00

■ 614A46

■ 615250

■ 615A59

■ 616363

■ 616B6D

■ 617376

# Harmonies

## Analogous

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



642335



61281F



54310D

# Triad

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



61281F



004326



0B3B68

# Complementary

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



61281F



1F5861

# 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.



004164



61281F



00453E

# Square

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



61281F



284011



004455



41315F

# Rectangle

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



61281F



483705



004455



003D68



# Sweetspot

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



61281F



7D6764



611F58



403330



BFBFBF



404040



# Same Dimension

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



61281F



7D2416



61491F



302C2C



700F00



F02100



# Inverse Universe

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



1F5861



166F7D



1F3761



2C3030



006170

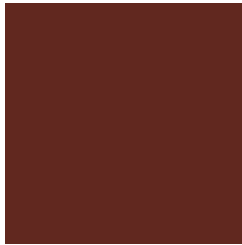


00CFF0



# Previews

## White Background



This preview shows how the Hex color 61281F looks on a white background.

## Color Contrast Check

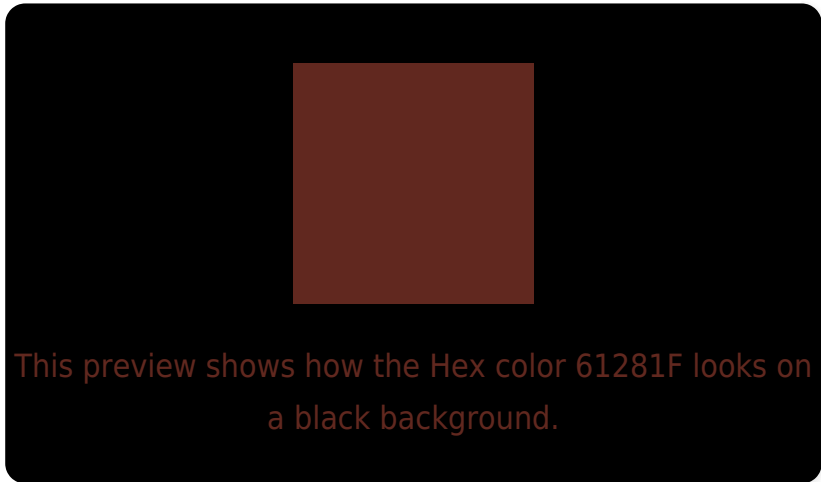
Large Text (above 18pt) WCAG AA ✓ Pass

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 61281F Background



This preview shows how black text looks on a background with the Hex color 61281F.

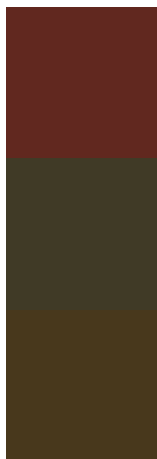


This preview shows how white text looks on a background with the Hex color 61281F.

# 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**  
61281F

**Protanopia**  
403A26

**Deuteranopia**  
48381C



**Tritanopia**  
612729

# Trichromacy



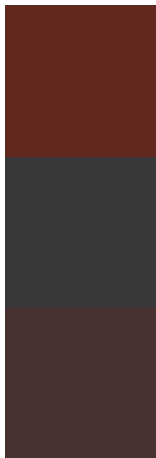
**Original Color**  
61281F

**Protanomaly**  
4C3323

**Deuteranomaly**  
51321D

**Tritanomaly**  
612725

# Monochromacy



**Original Color**  
61281F

**Achromatopsia**  
383838

**Achromatomaly**  
47322F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61281F 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 #61281F looks like.

```
.text, #text, p{  
    color:#61281F  
}
```

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 #61281F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61281F
}
```

## Border

The CSS property to change the border of an element to Hex 61281F 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".

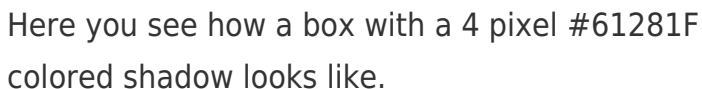
```
.border, #border, table{ border:4px solid
#61281F }
```

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

```
.border{ border-color:#61281F }
```

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

Here you see how a box with a 4 pixel #61281F 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61281F; -webkit-box-shadow:4px 4px  
4px 4px #61281F; box-shadow:4px 4px 4px  
4px #61281F }
```

# Background

The CSS property to change the background color of an element to Hex 61281F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61281F }
```

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

```
.background{ background-color:#61281F }
```

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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