

# Converting Colors

Hex(50651F)

Have a look what the booklet for  
Hex(50651F) contains.

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# Color

**Hex(50651F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	50651F
RGB	80, 101, 31
RGB Percent	31%, 40%, 12%
CMY	0.6863, 0.6039, 0.8784
CMYK	0.21, 0.00, 0.69, 0.60
HSL	78°, 53%, 26%
HSV	78°, 69%, 40%
XYZ	8.2093, 11.1118, 3.0084
YIQ	86.7410, 9.9540, -26.2220

# Conversions

## Conversions Part 2

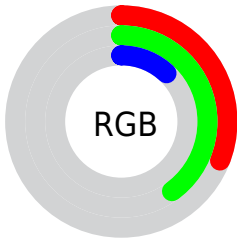
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	31, 101, 52
Decimal	5268767
CIE Lab	39.77, -19.36, 35.69
CIE LCh	40, 40.603, 118.482
Yxy	11.1118, 0.3676, 0.4976
Android (android.graphics.Color)	4283458847 (0xFF50651F)
YUV	86.7410, -27.4803, -5.9119
Hunter-Lab	33.3343, -14.3757, 17.9831

# Details

The Hex color **50651F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **341F65**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **83984F**, and **213600** is the 20% darker color. If you saturate the color by 10%, you get **4D6515**, and if you desaturate by 10%, it is **536529**.

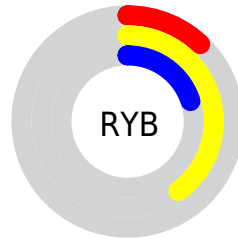
# Distribution



Red (31%)

Green (40%)

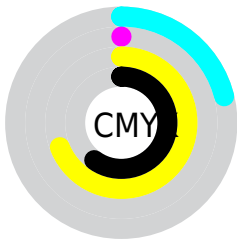
Blue (12%)



Red (12%)

Yellow (40%)

Blue (20%)

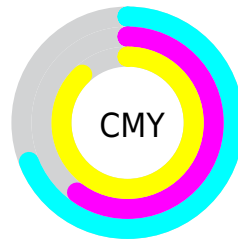


Cyan (21%)

Magenta (0%)

Yellow (69%)

Black (60%)



Cyan (69%)

Magenta (60%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50651F 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 50651F by changing the saturation by 10% instead.



 50651F

 50651F

FFFFFF

 374D05

 83984F

 213600

 9EB368

 042100

 BACE82

 000000

 D6EB9C

 F2FFB8

 FFFFD4

 FFFFF0

 50651F

 50651F

■ 4D6515

■ 536529

■ 4A650B

■ 566533

■ 476501

■ 59653D

■ 476500

■ 5C6547

■ 5F6552

■ 62655C

■ 656566

■ 686570

■ 6B657A

# Harmonies

## Analogous

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



715B16



50651F



216B39

# Triad

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



50651F



006A96



983F61

# Complementary

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



50651F



341F65

# 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.



844881



50651F



0062A0

# Square

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



50651F



006D7C



5B5698



994340

# Rectangle

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



50651F



006D4F



5B5698



94416C



# Sweetspot

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



50651F



7A8267



65341F



3D4232



C2C2C2



424242



# Same Dimension

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



50651F



628216



2E651F



31332E



507300



AAF200



# Inverse Universe

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



341F65



361682



571F65



2F2E33



220073



4900F2



# Previews

## White Background



This preview shows how the Hex color 50651F looks on a white background.

## Color Contrast Check

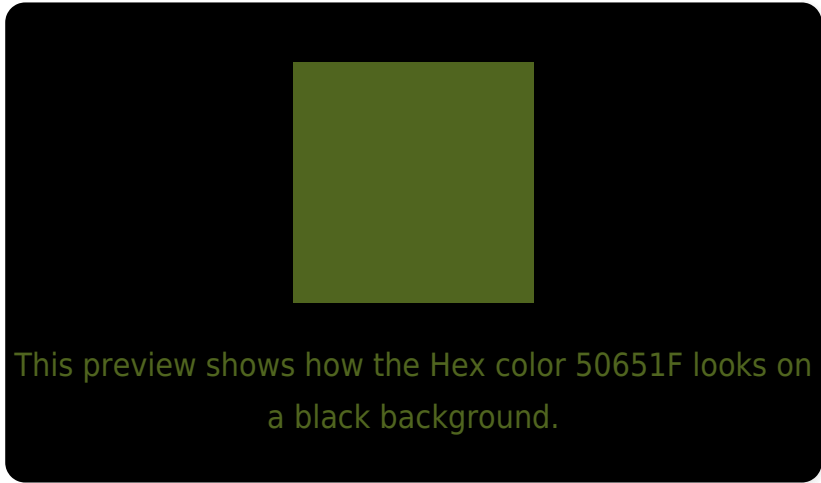
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50651F Background



This preview shows how black text looks on a background with the Hex color 50651F.



This preview shows how white text looks on a background with the Hex color 50651F.

# 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**  
50651F

**Protanopia**  
695E1D

**Deuteranopia**  
755923



**Tritanopia**  
585E66

# Trichromacy



**Original Color**  
50651F

**Protanomaly**  
60611E

**Deuteranomaly**  
685D22

**Tritanomaly**  
55614C

# Monochromacy



**Original Color**  
50651F

**Achromatopsia**  
575757

**Achromatomaly**  
545C43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50651F 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 #50651F looks like.

```
.text, #text, p{  
    color:#50651F  
}
```

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 #50651F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50651F
}
```

## Border

The CSS property to change the border of an element to Hex 50651F 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".

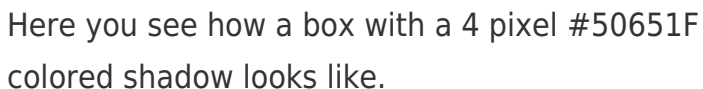
```
.border, #border, table{ border:4px solid
#50651F }
```

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

```
.border{ border-color:#50651F }
```

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

Here you see how a box with a 4 pixel #50651F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50651F; -webkit-box-shadow:4px 4px  
4px 4px #50651F; box-shadow:4px 4px 4px  
4px #50651F }
```

# Background

The CSS property to change the background color of an element to Hex 50651F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50651F }
```

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

```
.background{ background-color:#50651F }
```

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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