

# Converting Colors

Hex(60631C)

Have a look what the booklet for  
Hex(60631C) contains.

<b>Hex(60631C)</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(60631C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60631C
RGB	96, 99, 28
RGB Percent	38%, 39%, 11%
CMY	0.6235, 0.6118, 0.8902
CMYK	0.03, 0.00, 0.72, 0.61
HSL	63°, 56%, 25%
HSV	63°, 72%, 39%
XYZ	9.4953, 11.4943, 2.8168
YIQ	90.0090, 21.0030, -22.7170

# Conversions

## Conversions Part 2

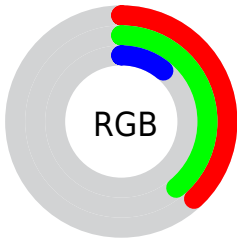
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 99, 31
Decimal	6316828
CIE Lab	40.40, -11.10, 38.09
CIE LCh	40, 39.678, 106.252
Yxy	11.4943, 0.3989, 0.4828
Android (android.graphics.Color)	4284506908 (0xFF60631C)
YUV	90.0090, -30.5704, 5.2541
Hunter-Lab	33.9033, -9.3381, 18.8063

# Details

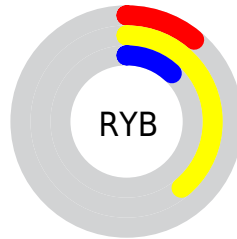
The Hex color **60631C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1F1C63**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **95964D**, and **2F3500** is the 20% darker color. If you saturate the color by 10%, you get **606312**, and if you desaturate by 10%, it is **606326**.

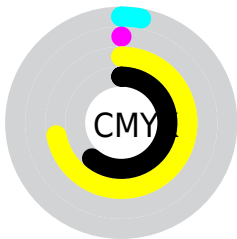
# Distribution



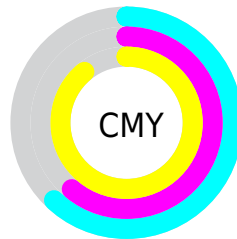
- Red (38%)
- Green (39%)
- Blue (11%)



- Red (11%)
- Yellow (39%)
- Blue (12%)



- Cyan (3%)
- Magenta (0%)
- Yellow (72%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60631C 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 60631C by changing the saturation by 10% instead.



 60631C

 60631C

FFFFFF

 474B01

 95964D

 2F3500

 B0B066

 172000

 CCCC7F

 000300

 E9E89A

 000000

 FFFFB5

 FFFFD1

 FFFFED

 60631C

 60631C

■ 606312

■ 606326

■ 5F6308

■ 616330

■ 5F6300

■ 61633A

■ 626344

■ 62634E

■ 636357

■ 636361

■ 63636B

■ 646375

# Harmonies

## Analogous

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



7D581D



60631C



3B6A30

# Triad

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



60631C



006D8D



934470

# Complementary

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



60631C



1F1C63

# 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.



784F8C



60631C



00679E

# Square

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



60631C



006F70



455D9E



9B434F

# Rectangle

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



60631C



0F6D44



455D9E



8C477A



# Sweetspot

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



60631C



7E8063



631E1C



3F402F



BFBFBF



404040



# Same Dimension

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



60631C



7B8012



3D631C



30302C



6B7000



E6F000



# Inverse Universe

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



1F1C63



161280



421C63



2C2C30



050070



0A00F0



# Previews

## White Background



This preview shows how the Hex color 60631C looks on a white background.

## Color Contrast Check

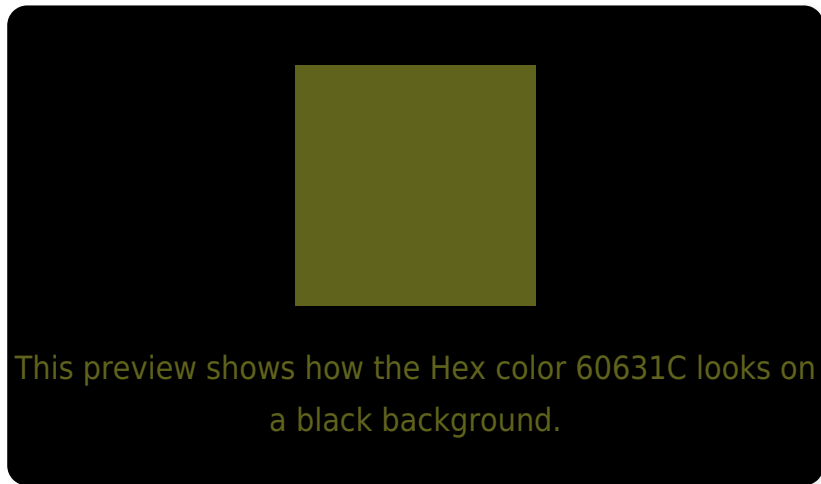
Large Text (above 18pt) WCAG AA ✓ Pass

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

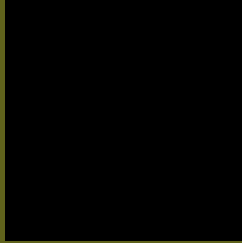
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 60631C Background



This preview shows how black text looks on a background with the Hex color 60631C.



This preview shows how white text looks on a background with the Hex color 60631C.

# 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](#).

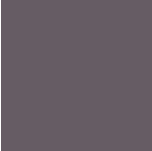
## Dichromacy



**Original Color**  
60631C

**Protanopia**  
6B5F1B

**Deuteranopia**  
775A1F



**Tritanopia**  
665C64

# Trichromacy



**Original Color**  
60631C

**Protanomaly**  
67601B

**Deuteranomaly**  
6F5D1E

**Tritanomaly**  
645F4A

# Monochromacy



**Original Color**  
60631C

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5C5D43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60631C 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 #60631C looks like.

```
.text, #text, p{  
    color:#60631C  
}
```

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 #60631C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60631C
}
```

## Border

The CSS property to change the border of an element to Hex 60631C 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".

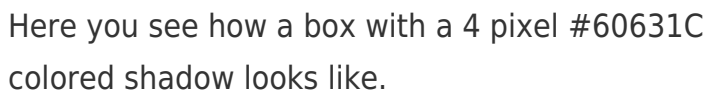
```
.border, #border, table{ border:4px solid
#60631C }
```

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

```
.border{ border-color:#60631C }
```

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

Here you see how a box with a 4 pixel #60631C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60631C; -webkit-box-shadow:4px 4px  
4px 4px #60631C; box-shadow:4px 4px 4px  
4px #60631C }
```

# Background

The CSS property to change the background color of an element to Hex 60631C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60631C }
```

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

```
.background{ background-color:#60631C }
```

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