

# Converting Colors

Hex(64681C)

Have a look what the booklet for  
Hex(64681C) contains.

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**Color**

**Hex(64681C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64681C
RGB	100, 104, 28
RGB Percent	39%, 41%, 11%
CMY	0.6078, 0.5922, 0.8902
CMYK	0.04, 0.00, 0.73, 0.59
HSL	63°, 58%, 26%
HSV	63°, 73%, 41%
XYZ	10.4154, 12.6938, 2.9998
YIQ	94.1400, 22.0120, -24.4840

# Conversions

## Conversions Part 2

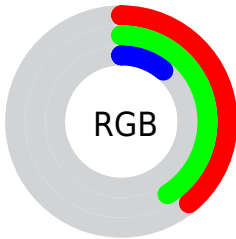
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 104, 32
Decimal	6580252
CIE <sub>Lab</sub>	42.30, -12.02, 40.11
CIE <sub>LCh</sub>	42, 41.871, 106.680
Yxy	12.6938, 0.3989, 0.4862
Android (android.graphics.Color)	4284770332 (0xFF64681C)
YUV	94.1400, -32.6070, 5.1392
Hunter-Lab	35.6284, -10.1677, 19.9478

# Details

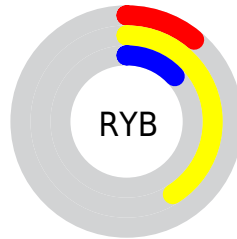
The Hex color **64681C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **201C68**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **999B4D**, and **333900** is the 20% darker color. If you saturate the color by 10%, you get **636812**, and if you desaturate by 10%, it is **656826**.

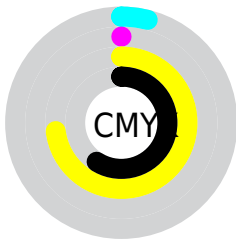
# Distribution



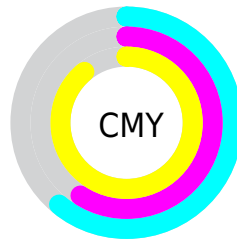
- Red (39%)
- Green (41%)
- Blue (11%)



- Red (11%)
- Yellow (41%)
- Blue (13%)



- Cyan (4%)
- Magenta (0%)
- Yellow (73%)
- Black (59%)



- Cyan (61%)
- Magenta (59%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64681C 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 64681C by changing the saturation by 10% instead.





64681C



64681C

FFFFFF



4B5000



999B4D



333900



B5B666



1A2400



D1D180



000F00



EEEE9B



000000



FFFFB6



FFFFD2



FFFFEF



64681C



64681C

■ 636812

■ 656826

■ 636807

■ 656831

■ 636800

■ 66683B

■ 666846

■ 676850

■ 67685A

■ 686865

■ 68686F

■ 69687A

# Harmonies

## Analogous

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



835D1D



64681C



3C7032

# Triad

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



64681C



007295



9B4775

# Complementary

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



64681C



201C68

# 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.



7E5394



64681C



006CA7

# Square

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



64681C



007577



4961A6



A34552

# Rectangle

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



64681C



087347



4961A6



944A80



# Sweetspot

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



64681C



868769



68201C



444533



C4C4C4



454545



# Same Dimension

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



64681C



818710



3E681C



33332E



6D7300



E5F200



# Inverse Universe

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



201C68



161087



461C68



2E2E33



060073



0D00F2



# Previews

## White Background



This preview shows how the Hex color 64681C looks on a white background.

## Color Contrast Check

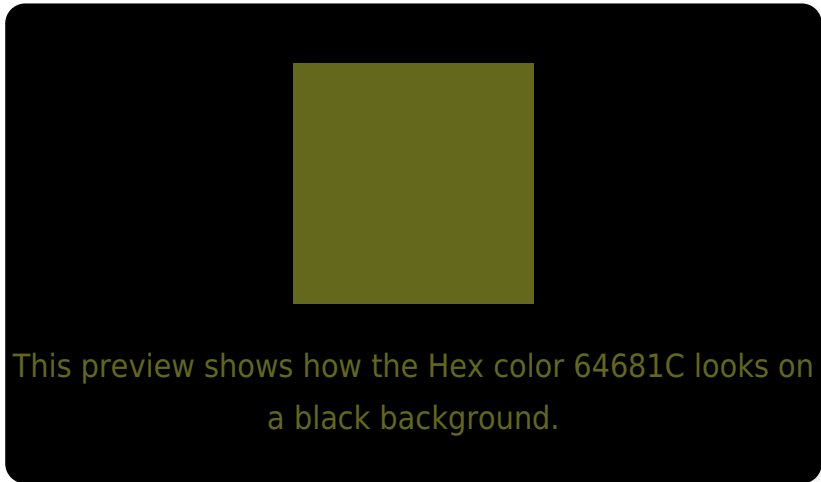
Large Text (above 18pt) WCAG AA ✓ Pass

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

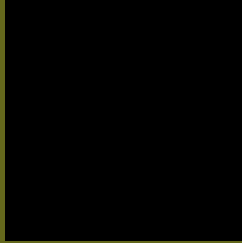
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 64681C Background



This preview shows how black text looks on a background with the Hex color 64681C.



This preview shows how white text looks on a background with the Hex color 64681C.

# 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**  
64681C

**Protanopia**  
70641B

**Deuteranopia**  
7D5F20



**Tritanopia**  
6B6169

# Trichromacy



**Original Color**  
64681C

**Protanomaly**  
6C651B

**Deuteranomaly**  
74621F

**Tritanomaly**  
68644D

# Monochromacy



**Original Color**  
64681C

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
606246

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64681C 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 #64681C looks like.

```
.text, #text, p{  
    color:#64681C  
}
```

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 #64681C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64681C  
}
```

## Border

The CSS property to change the border of an element to Hex 64681C 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  
#64681C }
```

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

```
.border{ border-color:#64681C }
```

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

Here you see how a box with a 4 pixel #64681C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64681C; -webkit-box-shadow:4px 4px  
4px 4px #64681C; box-shadow:4px 4px 4px  
4px #64681C }
```

# Background

The CSS property to change the background color of an element to Hex 64681C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64681C }
```

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

```
.background{ background-color:#64681C }
```

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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