

Converting Colors

Hex(67681C)

Have a look what the booklet for
Hex(67681C) contains.

Hex(67681C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(67681C)

Conversions

Conversions Part 1

Format	Color
Hex	67681C
RGB	103, 104, 28
RGB Percent	40%, 41%, 11%
CMY	0.5961, 0.5922, 0.8902
CMYK	0.01, 0.00, 0.73, 0.59
HSL	61°, 58%, 26%
HSV	61°, 73%, 41%
XYZ	10.7534, 12.8680, 3.0156
YIQ	95.0370, 23.8000, -23.8480

Conversions

Conversions Part 2

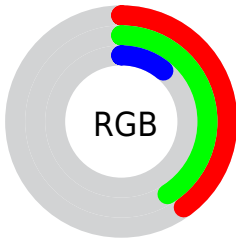
Format	Color
R_{YB}	28, 104, 29
Decimal	6776860
CIE _{Lab}	42.56, -10.60, 40.46
CIE _{LCh}	43, 41.827, 104.683
Yxy	12.8680, 0.4037, 0.4831
Android (android.graphics.Color)	4284966940 (0xFF67681C)
YUV	95.0370, -33.0492, 6.9836
Hunter-Lab	35.8720, -9.2668, 20.1262

Details

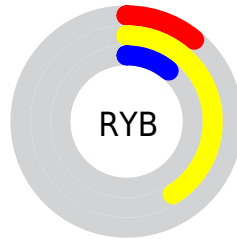
The Hex color **67681C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1D1C68**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9C9B4D**, and **363900** is the 20% darker color. If you saturate the color by 10%, you get **676812**, and if you desaturate by 10%, it is **676826**.

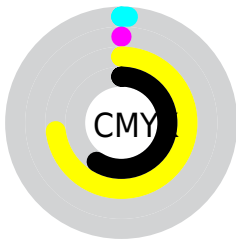
Distribution



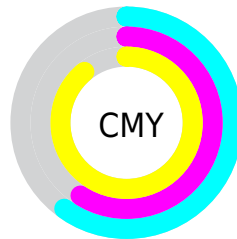
- Red (40%)
- Green (41%)
- Blue (11%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (73%)
- Black (59%)



- Cyan (60%)
- Magenta (59%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67681C 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 67681C by changing the saturation by 10% instead.



67681C



67681C

FFFFFF



4D5000



9C9B4D



363900



B8B667



1D2400



D4D180



001000



F1ED9B



000000



FFFFB6



FFFFD2



FFFFEF



67681C



67681C

■ 676812

■ 676826

■ 676807

■ 676831

■ 676800

■ 67683B

■ 686846

■ 686850

■ 68685A

■ 686865

■ 68686F

■ 68687A

Harmonies

Analogous

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



865C1F



67681C



407031

Triad

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



67681C



007394



9A4878

Complementary

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



67681C



1D1C68

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.



7C5496



67681C



006DA7

Square

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



67681C



007575



4462A7



A44655

Rectangle

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



67681C



147346



4462A7



934B83

Sweetspot

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



67681C



878769



681C1C



454533



C4C4C4



454545

Same Dimension

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



67681C



868710



42681C



33332E



717300



EFF200

Inverse Universe

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



1D1C68



121087



421C68



2E2E33



020073



0300F2

Previews

White Background



This preview shows how the Hex color 67681C looks on a white background.

Color Contrast Check

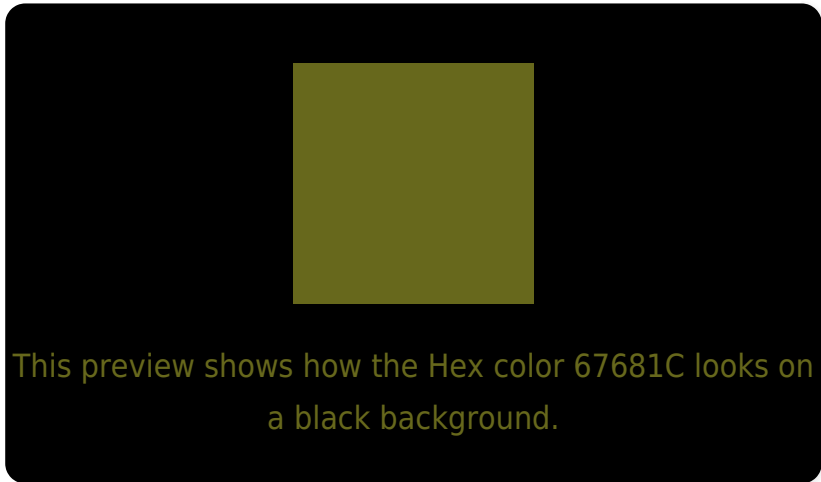
Large Text (above 18pt) WCAG AA ✓ Pass

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

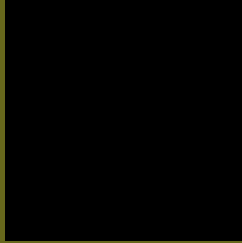
Any Text WCAG AA × Fail

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 67681C Background



This preview shows how black text looks on a background with the Hex color 67681C.



This preview shows how white text looks on a background with the Hex color 67681C.

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
67681C

Protanopia
71651B

Deuteranopia
7E5F20



Tritanopia
6E6169

Trichromacy



Original Color
67681C

Protanomaly
6D661B

Deuteranomaly
76621F

Tritanomaly
6B644D

Monochromacy



Original Color
67681C

Achromatopsia
5F5F5F

Achromatomaly
626247

CSS Examples

Text

The CSS property to change the color of the text to Hex 67681C 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 #67681C looks like.

```
.text, #text, p{  
    color:#67681C  
}
```

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 #67681C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67681C
}
```

Border

The CSS property to change the border of an element to Hex 67681C 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
#67681C }
```

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

```
.border{ border-color:#67681C }
```

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

Here you see how a box with a 4 pixel #67681C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67681C; -webkit-box-shadow:4px 4px  
4px 4px #67681C; box-shadow:4px 4px 4px  
4px #67681C }
```

Background

The CSS property to change the background color of an element to Hex 67681C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67681C }
```

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

```
.background{ background-color:#67681C }
```

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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