

Converting Colors

Hex(68631C)

Have a look what the booklet for
Hex(68631C) contains.

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Color

Hex(68631C)

Conversions

Conversions Part 1

Format	Color
Hex	68631C
RGB	104, 99, 28
RGB Percent	41%, 39%, 11%
CMY	0.5922, 0.6118, 0.8902
CMYK	0.00, 0.05, 0.73, 0.59
HSL	56°, 58%, 26%
HSV	56°, 73%, 41%
XYZ	10.3804, 11.9506, 2.8582
YIQ	92.4010, 25.7710, -21.0210

Conversions

Conversions Part 2

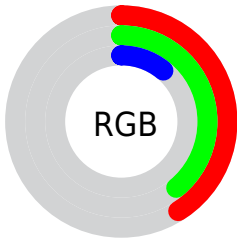
Format	Color
R_{YB}	33, 104, 28
Decimal	6841116
CIE Lab	41.14, -7.28, 39.07
CIE LCh	41, 39.747, 100.560
Yxy	11.9506, 0.4121, 0.4744
Android (android.graphics.Color)	4285031196 (0xFF68631C)
YUV	92.4010, -31.7497, 10.1723
Hunter-Lab	34.5696, -6.8979, 19.2967

Details

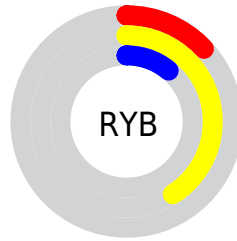
The Hex color **68631C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1C2168**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9D964D**, and **363500** is the 20% darker color. If you saturate the color by 10%, you get **686212**, and if you desaturate by 10%, it is **686426**.

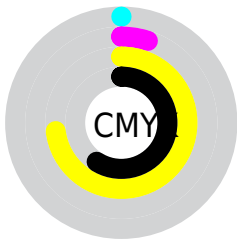
Distribution



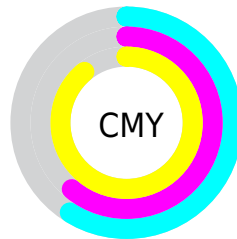
- Red (41%)
- Green (39%)
- Blue (11%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (73%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 68631C 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 68631C by changing the saturation by 10% instead.



68631C



68631C

FFFFFF



4E4B01



9D964D



363500



B9B066



1E2000



D6CB80



000800



F3E89A



000000



FFFFB5



FFFFD1



FFFFEE



68631C



68631C

■ 686212

■ 686426

■ 686207

■ 686431

■ 686100

■ 68653B

■ 686646

■ 686650

■ 68675A

■ 686865

■ 68686F

■ 68697A

Harmonies

Analogous

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



845822



68631C



446B2D

Triad

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



68631C



00708B



914777

Complementary

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



68631C



1C2168

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.



725493



68631C



006A9E

Square

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



68631C



00716C



3961A1



9D4457

Rectangle

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



68631C



236E40



3961A1



894B82

Sweetspot

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



68631C



878569



681C21



454433



C4C4C4



454545

Same Dimension

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



68631C



877F10



47681C



33332E



736B00



F2E200

Inverse Universe

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



1C2168



101887



3D1C68



2E2E33



000873



0010F2

Previews

White Background



This preview shows how the Hex color 68631C looks on a white background.

Color Contrast Check

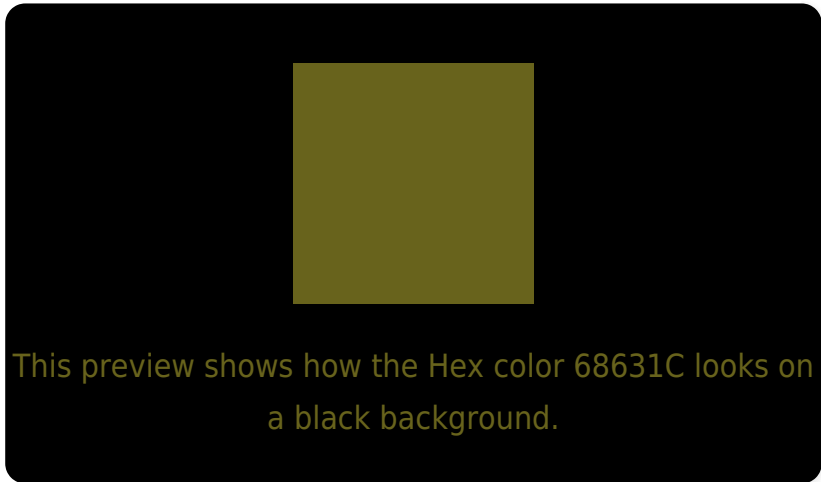
Large Text (above 18pt) WCAG AA ✓ Pass

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

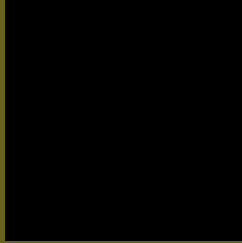
Any Text WCAG AA × Fail

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 68631C Background



This preview shows how black text looks on a background with the Hex color 68631C.



This preview shows how white text looks on a background with the Hex color 68631C.

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
68631C

Protanopia
6D611C

Deuteranopia
7A5C1F



Tritanopia
6E5C64

Trichromacy



Original Color
68631C

Protanomaly
6B621C

Deuteranomaly
735F1E

Tritanomaly
6C5F4A

Monochromacy



Original Color
68631C

Achromatopsia
5C5C5C

Achromatomaly
605F45

CSS Examples

Text

The CSS property to change the color of the text to Hex 68631C 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 #68631C looks like.

```
.text, #text, p{  
    color:#68631C  
}
```

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 #68631C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68631C
}
```

Border

The CSS property to change the border of an element to Hex 68631C 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
#68631C }
```

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

```
.border{ border-color:#68631C }
```

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

Here you see how a box with a 4 pixel #68631C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68631C; -webkit-box-shadow:4px 4px  
4px 4px #68631C; box-shadow:4px 4px 4px  
4px #68631C }
```

Background

The CSS property to change the background color of an element to Hex 68631C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68631C }
```

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

```
.background{ background-color:#68631C }
```

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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