

Converting Colors

Hex(68681B)

Have a look what the booklet for
Hex(68681B) contains.

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Color

Hex(68681B)

Conversions

Conversions Part 1

Format	Color
Hex	68681B
RGB	104, 104, 27
RGB Percent	41%, 41%, 11%
CMY	0.5922, 0.5922, 0.8941
CMYK	0.00, 0.00, 0.74, 0.59
HSL	60°, 59%, 26%
HSV	60°, 74%, 41%
XYZ	10.8571, 12.9228, 2.9590
YIQ	95.2220, 24.7170, -23.9470

Conversions

Conversions Part 2

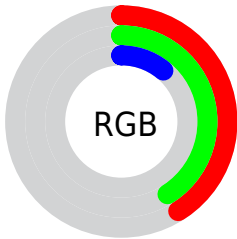
Format	Color
R_{YB}	27, 104, 27
Decimal	6842395
CIE Lab	42.65, -10.19, 40.98
CIE LCh	43, 42.231, 103.956
Yxy	12.9228, 0.4060, 0.4833
Android (android.graphics.Color)	4285032475 (0xFF68681B)
YUV	95.2220, -33.6334, 7.6983
Hunter-Lab	35.9483, -8.9992, 20.2835

Details

The Hex color **68681B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B1B68**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9D9B4D**, and **363900** is the 20% darker color. If you saturate the color by 10%, you get **686811**, and if you desaturate by 10%, it is **686825**.

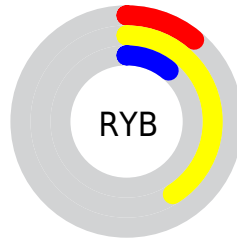
Distribution



Red (41%)

Green (41%)

Blue (11%)



Red (11%)

Yellow (41%)

Blue (11%)

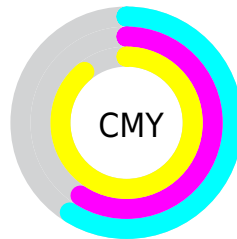


Cyan (0%)

Magenta (0%)

Yellow (74%)

Black (59%)



Cyan (59%)

Magenta (59%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68681B 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 68681B by changing the saturation by 10% instead.



68681B



68681B

FFFFFF



4E5000



9D9B4D



363900



B9B666



1E2400



D6D180



001000



F3ED9A



000000



FFFFB5



FFFFD1



FFFFEE



68681B



68681B

■ 686811

■ 686825

■ 686806

■ 686830

■ 686800

■ 68683A

■ 686845

■ 68684F

■ 686859

■ 686864

■ 68686E

■ 686879

Harmonies

Analogous

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



875C1F



68681B



417030

Triad

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



68681B



007494



9B4879

Complementary

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



68681B



1B1B68

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.



7C5597



68681B



006EA7

Square

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



68681B



007674



4263A8



A54556

Rectangle

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



68681B



157345



4263A8



934B84

Sweetspot

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



68681B



878769



681B1B



454533



C4C4C4



454545

Same Dimension

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



68681B



87870F



42681B



33332E



737300



F2F200

Inverse Universe

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



1B1B68



0F0F87



421B68



2E2E33



000073



0000F2

Previews

White Background



This preview shows how the Hex color 68681B looks on a white background.

Color Contrast Check

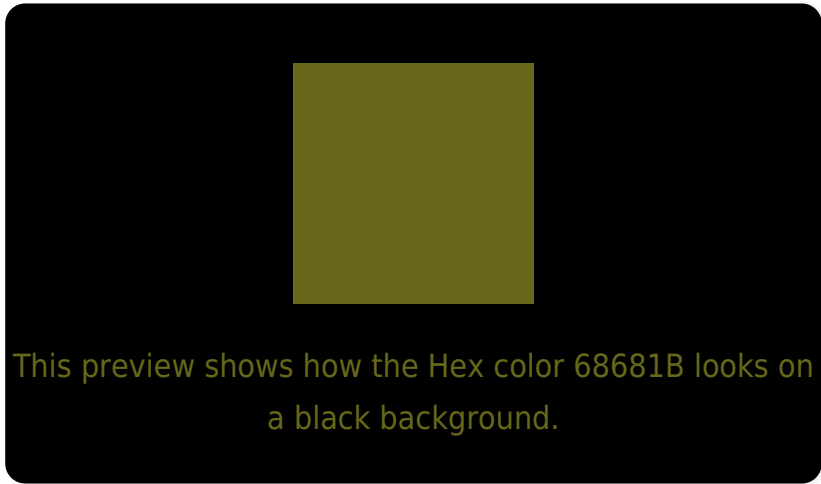
Large Text (above 18pt) WCAG AA ✓ Pass

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

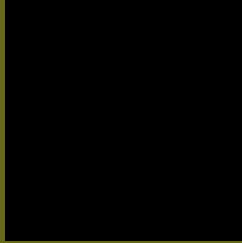
Any Text WCAG AA × Fail

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 68681B Background



This preview shows how black text looks on a background with the Hex color 68681B.



This preview shows how white text looks on a background with the Hex color 68681B.

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
68681B

Protanopia
71651A

Deuteranopia
7E601F



Tritanopia
6F6169

Trichromacy



Original Color
68681B

Protanomaly
6E661A

Deuteranomaly
76631E

Tritanomaly
6C644D

Monochromacy



Original Color
68681B

Achromatopsia
5F5F5F

Achromatomaly
626246

CSS Examples

Text

The CSS property to change the color of the text to Hex 68681B 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 #68681B looks like.

```
.text, #text, p{  
    color:#68681B  
}
```

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 #68681B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68681B
}
```

Border

The CSS property to change the border of an element to Hex 68681B 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
#68681B }
```

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

```
.border{ border-color:#68681B }
```

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

Here you see how a box with a 4 pixel #68681B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68681B; -webkit-box-shadow:4px 4px  
4px 4px #68681B; box-shadow:4px 4px 4px  
4px #68681B }
```

Background

The CSS property to change the background color of an element to Hex 68681B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68681B }
```

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

```
.background{ background-color:#68681B }
```

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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