

Converting Colors

Hex(4C680D)

Have a look what the booklet for
Hex(4C680D) contains.

Hex(4C680D)	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(4C680D)

Conversions

Conversions Part 1

Format	Color
Hex	4C680D
RGB	76, 104, 13
RGB Percent	30%, 41%, 5%
CMY	0.7020, 0.5922, 0.9490
CMYK	0.27, 0.00, 0.87, 0.59
HSL	78°, 78%, 23%
HSV	78°, 88%, 41%
XYZ	8.0035, 11.4662, 2.1721
YIQ	85.2540, 12.5230, -34.2370

Conversions

Conversions Part 2

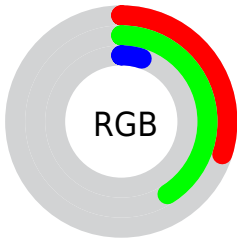
Format	Color
RYB	13, 104, 41
Decimal	5007373
CIELab	40.35, -23.75, 42.92
CIELCh	40, 49.056, 118.962
Yxy	11.4662, 0.3698, 0.5298
Android (android.graphics.Color)	4283197453 (0xFF4C680D)
YUV	85.2540, -35.6212, -8.1158
Hunter-Lab	33.8618, -17.0684, 19.8999

Details

The Hex color **4C680D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **290D68**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **809B42**, and **1A3900** is the 20% darker color. If you saturate the color by 10%, you get **496803**, and if you desaturate by 10%, it is **4F6817**.

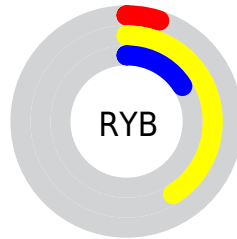
Distribution



Red (30%)

Green (41%)

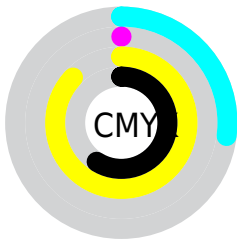
Blue (5%)



Red (5%)

Yellow (41%)

Blue (16%)

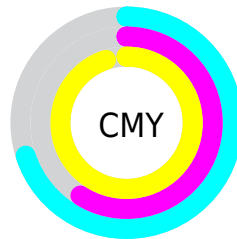


Cyan (27%)

Magenta (0%)

Yellow (87%)

Black (59%)



Cyan (70%)

Magenta (59%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C680D 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 4C680D by changing the saturation by 10% instead.

 4C680D

 4C680D

FFFFFF

 335000

 809B42

 1A3900

 9BB65B

 002300

 B7D275

 000200

 D3EE8F

 000000

 F0FFAA

 FFFFC6

 FFFFEE3

 4C680D

 4C680D

■ 496803

■ 4F6817

■ 486800

■ 526822

■ 56682C

■ 596837

■ 5C6841

■ 5F684B

■ 626856

■ 666860

■ 69686B

Harmonies

Analogous

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



745D00



4C680D



006F33

Triad

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



4C680D



006DA4



A43662

Complementary

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



4C680D



290D68

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.



8E4289



4C680D



0064B0

Square

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



4C680D



007185



5B55A6



A43C3B

Rectangle

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



4C680D



00714E



5B55A6



A03970

Sweetspot

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



4C680D



7C8764



68280D



3E4530



C4C4C4



454545

Same Dimension

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



4C680D



5E8700



1F680D



31332E



4F7300



A8F200

Inverse Universe

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



290D68



2A0087



560D68



2F2E33



230073



4B00F2

Previews

White Background



This preview shows how the Hex color 4C680D looks on a white background.

Color Contrast Check

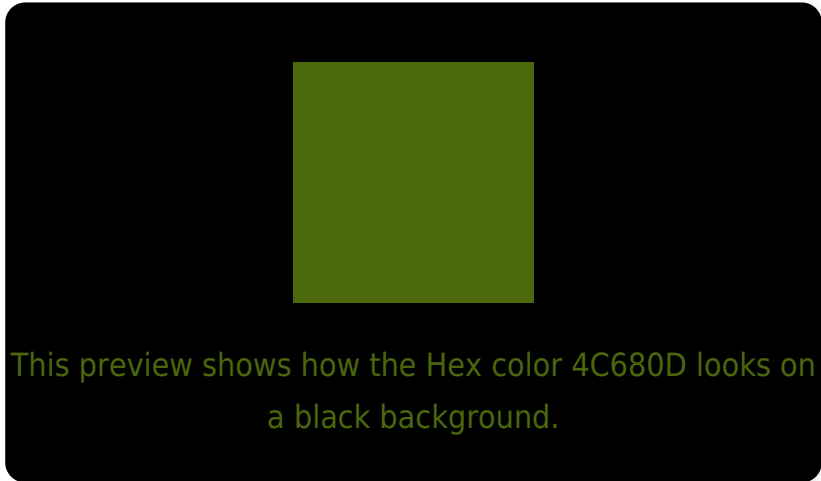
Large Text (above 18pt) WCAG AA ✓ Pass

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

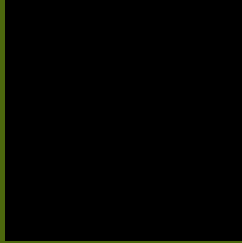
Any Text WCAG AA × Fail

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 4C680D Background



This preview shows how black text looks on a background with the Hex color 4C680D.



This preview shows how white text looks on a background with the Hex color 4C680D.

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
4C680D

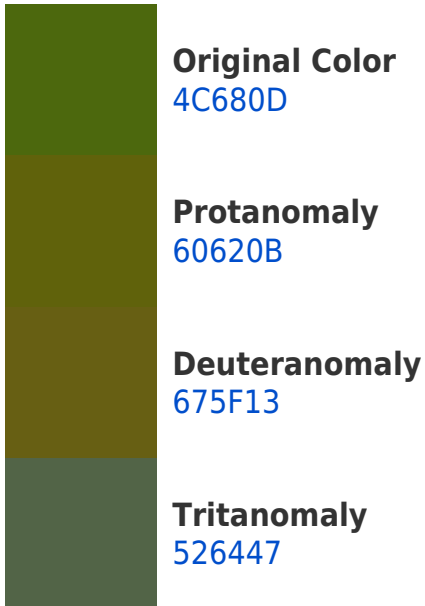
Protanopia
6B5F0A

Deuteranopia
775A17

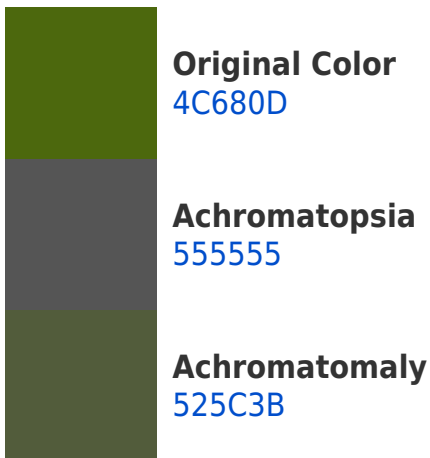


Tritanopia
556168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C680D 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 #4C680D looks like.

```
.text, #text, p{  
    color:#4C680D  
}
```

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 #4C680D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C680D
}
```

Border

The CSS property to change the border of an element to Hex 4C680D 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
#4C680D }
```

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

```
.border{ border-color:#4C680D }
```

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

Here you see how a box with a 4 pixel #4C680D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C680D; -webkit-box-shadow:4px 4px  
4px 4px #4C680D; box-shadow:4px 4px 4px  
4px #4C680D }
```

Background

The CSS property to change the background color of an element to Hex 4C680D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C680D }
```

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

```
.background{ background-color:#4C680D }
```

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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