

Converting Colors

Hex(4F680C)

Have a look what the booklet for
Hex(4F680C) contains.

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Color

Hex(4F680C)

Conversions

Conversions Part 1

Format	Color
Hex	4F680C
RGB	79, 104, 12
RGB Percent	31%, 41%, 5%
CMY	0.6902, 0.5922, 0.9529
CMYK	0.24, 0.00, 0.88, 0.59
HSL	76°, 79%, 23%
HSV	76°, 88%, 41%
XYZ	8.2411, 11.5894, 2.1505
YIQ	86.0370, 14.6320, -33.9120

Conversions

Conversions Part 2

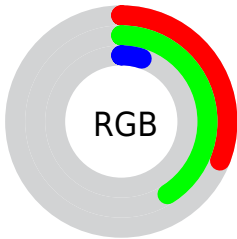
Format	Color
RYB	12, 104, 37
Decimal	5203980
CIELab	40.56, -22.47, 43.45
CIELCh	41, 48.917, 117.350
Yxy	11.5894, 0.3749, 0.5272
Android (android.graphics.Color)	4283394060 (0xFF4F680C)
YUV	86.0370, -36.5002, -6.1714
Hunter-Lab	34.0433, -16.3648, 20.0850

Details

The Hex color **4F680C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **250C68**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **839B41**, and **1E3900** is the 20% darker color. If you saturate the color by 10%, you get **4C6802**, and if you desaturate by 10%, it is **526816**.

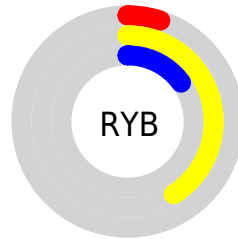
Distribution



Red (31%)

Green (41%)

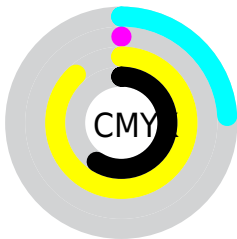
Blue (5%)



Red (5%)

Yellow (41%)

Blue (15%)

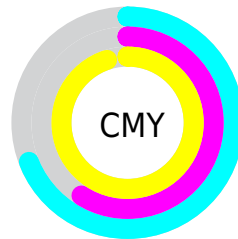


Cyan (24%)

Magenta (0%)

Yellow (88%)

Black (59%)



Cyan (69%)

Magenta (59%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F680C 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 4F680C by changing the saturation by 10% instead.



4F680C



4F680C

FFFFFF



365000



839B41



1E3900



9EB65B



002300



BAD274



000400



D6EE8F



000000



F3FFAA



FFFFC6



FFFFEE



4F680C



4F680C

■ 4C6802

■ 526816

■ 4C6800

■ 556821

■ 57682B

■ 5A6836

■ 5D6840

■ 60684A

■ 636855

■ 66685F

■ 68686A

Harmonies

Analogous

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



765D00



4F680C



086F32

Triad

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



4F680C



006EA3



A43765

Complementary

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



4F680C



250C68

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.



8C448B



4F680C



0065B0

Square

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



4F680C



007283



5856A7



A53C3D

Rectangle

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



4F680C



00714D



5856A7



9F3A72

Sweetspot

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



4F680C



7D8763



68250C



3F452F



C4C4C4



454545

Same Dimension

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



4F680C



628700



21680C



32332E



547300



B0F200

Inverse Universe

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



250C68



250087



530C68



2F2E33



1F0073



4200F2

Previews

White Background



This preview shows how the Hex color 4F680C looks on a white background.

Color Contrast Check

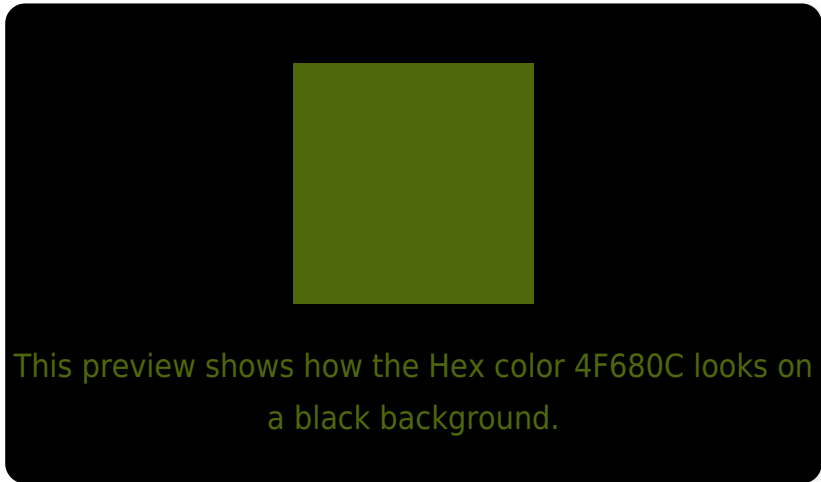
Large Text (above 18pt) WCAG AA ✓ Pass

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

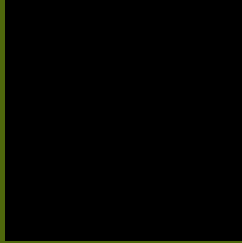
Any Text WCAG AA × Fail

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 4F680C Background



This preview shows how black text looks on a background with the Hex color 4F680C.



This preview shows how white text looks on a background with the Hex color 4F680C.

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
4F680C

Protanopia
6C6009

Deuteranopia
785B16



Tritanopia
586168

Trichromacy



Original Color
4F680C

Protanomaly
61630A

Deuteranomaly
696012

Tritanomaly
556447

Monochromacy



Original Color
4F680C

Achromatopsia
565656

Achromatomaly
535D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F680C 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 #4F680C looks like.

```
.text, #text, p{  
    color:#4F680C  
}
```

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 #4F680C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F680C
}
```

Border

The CSS property to change the border of an element to Hex 4F680C 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".

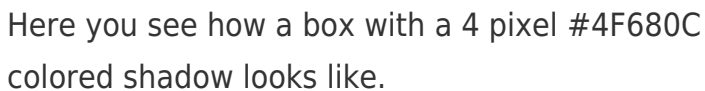
```
.border, #border, table{ border:4px solid
#4F680C }
```

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

```
.border{ border-color:#4F680C }
```

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

Here you see how a box with a 4 pixel #4F680C colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F680C; -webkit-box-shadow:4px 4px  
4px 4px #4F680C; box-shadow:4px 4px 4px  
4px #4F680C }
```

Background

The CSS property to change the background color of an element to Hex 4F680C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F680C }
```

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

```
.background{ background-color:#4F680C }
```

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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