

Converting Colors

Hex(4F7804)

Have a look what the booklet for
Hex(4F7804) contains.

Hex(4F7804)	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(4F7804)

Conversions

Conversions Part 1

Format	Color
Hex	4F7804
RGB	79, 120, 4
RGB Percent	31%, 47%, 2%
CMY	0.6902, 0.5294, 0.9843
CMYK	0.34, 0.00, 0.97, 0.53
HSL	81°, 94%, 24%
HSV	81°, 97%, 47%
XYZ	9.9628, 15.1040, 2.5051
YIQ	94.5170, 12.8000, -44.7680

Conversions

Conversions Part 2

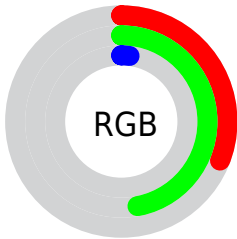
Format	Color
R_YB	4, 120, 45
Decimal	5208068
CIE Lab	45.78, -30.53, 49.63
CIE LCh	46, 58.265, 121.597
Yxy	15.1040, 0.3613, 0.5478
Android (android.graphics.Color)	4283398148 (0xFF4F7804)
YUV	94.5170, -44.6249, -13.6084
Hunter-Lab	38.8638, -22.2528, 23.3829

Details

The Hex color **4F7804** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2D0478**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **84AD41**, and **1A4700** is the 20% darker color. If you saturate the color by 10%, you get **4E7800**, and if you desaturate by 10%, it is **537810**.

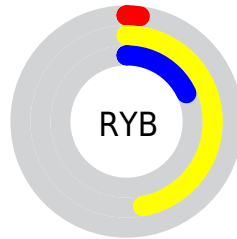
Distribution



Red (31%)

Green (47%)

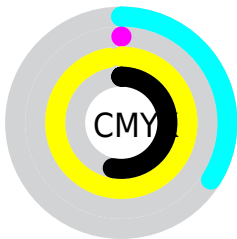
Blue (2%)



Red (2%)

Yellow (47%)

Blue (18%)

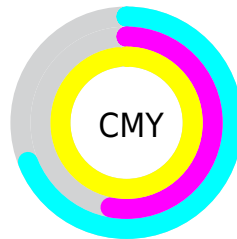


Cyan (34%)

Magenta (0%)

Yellow (97%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7804 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 4F7804 by changing the saturation by 10% instead.



4F7804



4F7804

FFFFFF



355F00



84AD41



1A4700



A0C85B



003000



BCE475



001D00



D8FF90



000000



F6FFAB



FFFFC7



FFFFE4



4F7804



4F7804

■ 4E7800

■ 537810

■ 57781C

■ 5C7828

■ 607834

■ 647840

■ 68784C

■ 6D7858

■ 717864

■ 757870

Harmonies

Analogous

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



806B00



4F7804



007F3B

Triad

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



4F7804



007DC2



C1376C

Complementary

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



4F7804



2D0478

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.



A8469C



4F7804



0072CF

Square

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



4F7804



00829E



6D5EC0



BE413C

Rectangle

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



4F7804



00825D



6D5EC0



BC397C

Sweetspot

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



4F7804



8C9C6E



782D04



454F33



CFCFCF



4F4F4F

Same Dimension

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



4F7804



659C00



157804



3B3D37



517D00



A3FC00

Inverse Universe

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



2D0478



37009C



670478



39373D



2C007D



5900FC

Previews

White Background



This preview shows how the Hex color 4F7804 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 4F7804 Background



This preview shows how black text looks on a background with the Hex color 4F7804.



This preview shows how white text looks on a background with the Hex color 4F7804.

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
4F7804

Protanopia
7A6C00

Deuteranopia
886717



Tritanopia
5B7078

Trichromacy



Original Color
4F7804

Protanomaly
6A7001

Deuteranomaly
736D10

Tritanomaly
57734E

Monochromacy



Original Color
4F7804

Achromatopsia
5F5F5F

Achromatomaly
59683E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7804 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 #4F7804 looks like.

```
.text, #text, p{  
    color:#4F7804  
}
```

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 #4F7804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7804
}
```

Border

The CSS property to change the border of an element to Hex 4F7804 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".

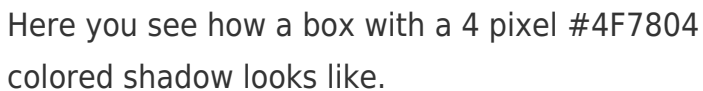
```
.border, #border, table{ border:4px solid
#4F7804 }
```

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

```
.border{ border-color:#4F7804 }
```

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

Here you see how a box with a 4 pixel #4F7804 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7804; -webkit-box-shadow:4px 4px  
4px 4px #4F7804; box-shadow:4px 4px 4px  
4px #4F7804 }
```

Background

The CSS property to change the background color of an element to Hex 4F7804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7804 }
```

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

```
.background{ background-color:#4F7804 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor