

Converting Colors

Hex(4F7810)

Have a look what the booklet for
Hex(4F7810) contains.

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Color

Hex(4F7810)

Conversions

Conversions Part 1

Format	Color
Hex	4F7810
RGB	79, 120, 16
RGB Percent	31%, 47%, 6%
CMY	0.6902, 0.5294, 0.9373
CMYK	0.34, 0.00, 0.87, 0.53
HSL	84°, 76%, 27%
HSV	84°, 87%, 47%
XYZ	10.0344, 15.1326, 2.8822
YIQ	95.8850, 8.9480, -41.0360

Conversions

Conversions Part 2

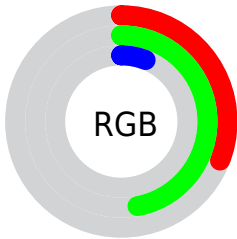
Format	Color
RYB	16, 120, 57
Decimal	5208080
CIELab	45.82, -30.13, 46.97
CIELCh	46, 55.806, 122.679
Yxy	15.1326, 0.3577, 0.5395
Android (android.graphics.Color)	4283398160 (0xFF4F7810)
YUV	95.8850, -39.3833, -14.8081
Hunter-Lab	38.9007, -22.0320, 22.8375

Details

The Hex color **4F7810** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **391078**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **84AD47**, and **1C4700** is the 20% darker color. If you saturate the color by 10%, you get **4A7804**, and if you desaturate by 10%, it is **54781C**.

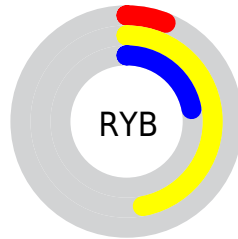
Distribution



Red (31%)

Green (47%)

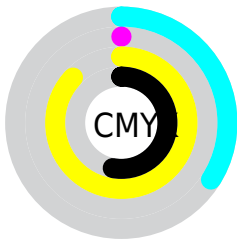
Blue (6%)



Red (6%)

Yellow (47%)

Blue (22%)

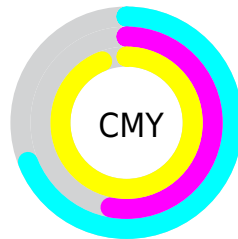


Cyan (34%)

Magenta (0%)

Yellow (87%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7810 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 4F7810 by changing the saturation by 10% instead.



4F7810



4F7810

FFFFFF



355F00



84AD47



1C4700



9FC860



003000



BBE47B



001D00



D8FF95



000000



F5FFB1



FFFPCD



FFFPEA



4F7810



4F7810

■ 4A7804

■ 54781C

■ 497800

■ 587828

■ 5D7834

■ 627840

■ 67784C

■ 6B7858

■ 707864

■ 757870

■ 7A787C

Harmonies

Analogous

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



7F6C00



4F7810



007F3F

Triad

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



4F7810



007CBF



BE3B6A

Complementary

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



4F7810



391078

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.



A74898



4F7810



0071CA

Square

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



4F7810



00819E



715EBC



BB453D

Rectangle

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



4F7810



00815F



715EBC



BA3D7A

Sweetspot

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



4F7810



8C9C73



783810



454F37



CFCFCF



4F4F4F

Same Dimension

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



4F7810



5E9C00



1C7810



3B3D37



4C7D00



99FC00

Inverse Universe

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



391078



3D009C



6C1078



39373D



31007D



6400FC

Previews

White Background



This preview shows how the Hex color 4F7810 looks on a white background.

Color Contrast Check

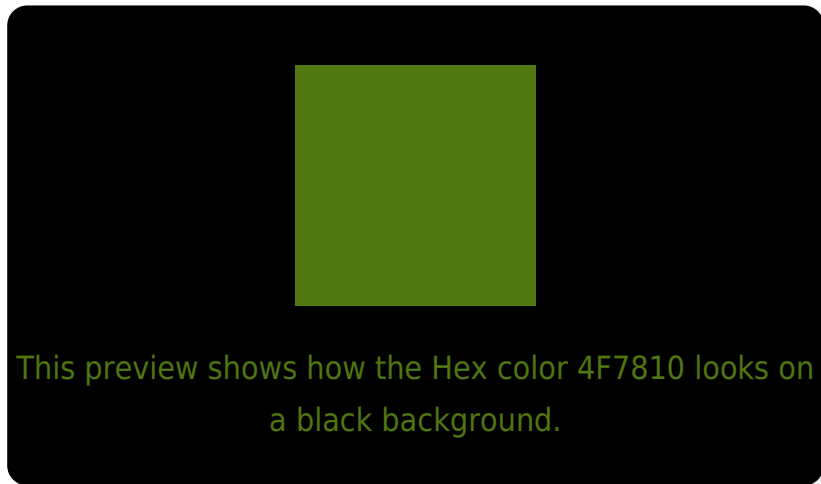
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F7810 Background



This preview shows how black text looks on a background with the Hex color 4F7810.



This preview shows how white text looks on a background with the Hex color 4F7810.

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
4F7810

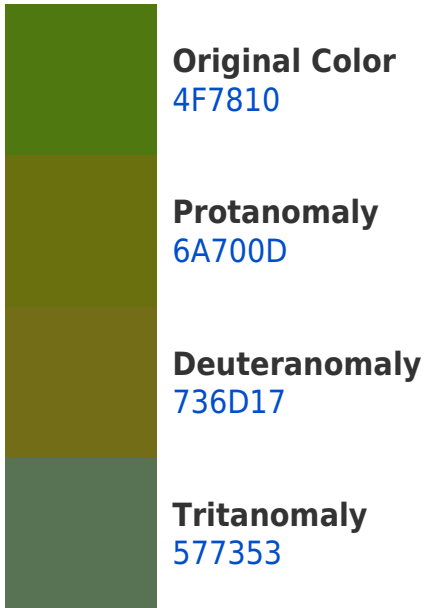
Protanopia
7A6C0C

Deuteranopia
88671B

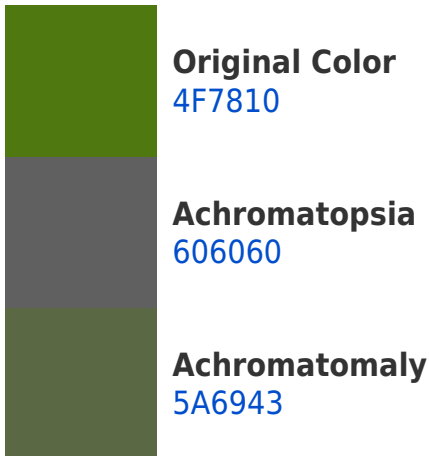


Tritanopia
5B7079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7810 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 #4F7810 looks like.

```
.text, #text, p{  
    color:#4F7810  
}
```

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 #4F7810 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7810
}
```

Border

The CSS property to change the border of an element to Hex 4F7810 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
#4F7810 }
```

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

```
.border{ border-color:#4F7810 }
```

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

Here you see how a box with a 4 pixel #4F7810 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7810; -webkit-box-shadow:4px 4px  
4px 4px #4F7810; box-shadow:4px 4px 4px  
4px #4F7810 }
```

Background

The CSS property to change the background color of an element to Hex 4F7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7810 }
```

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

```
.background{ background-color:#4F7810 }
```

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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