

Converting Colors

Hex(4C7804)

Have a look what the booklet for
Hex(4C7804) contains.

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Color

Hex(4C7804)

Conversions

Conversions Part 1

Format	Color
Hex	4C7804
RGB	76, 120, 4
RGB Percent	30%, 47%, 2%
CMY	0.7020, 0.5294, 0.9843
CMYK	0.37, 0.00, 0.97, 0.53
HSL	83°, 94%, 24%
HSV	83°, 97%, 47%
XYZ	9.7189, 14.9782, 2.4937
YIQ	93.6200, 11.0120, -45.4040

Conversions

Conversions Part 2

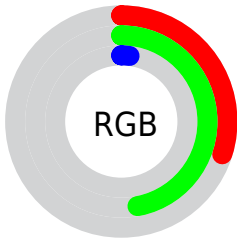
Format	Color
R_{YB}	4, 120, 48
Decimal	5011460
CIE Lab	45.60, -31.73, 49.42
CIE LCh	46, 58.725, 122.701
Yxy	14.9782, 0.3574, 0.5509
Android (android.graphics.Color)	4283201540 (0xFF4C7804)
YUV	93.6200, -44.1827, -15.4527
Hunter-Lab	38.7017, -22.9025, 23.2709

Details

The Hex color **4C7804** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **300478**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **81AD41**, and **174700** is the 20% darker color. If you saturate the color by 10%, you get **4A7800**, and if you desaturate by 10%, it is **517810**.

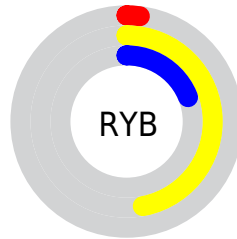
Distribution



Red (30%)

Green (47%)

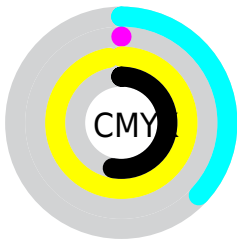
Blue (2%)



Red (2%)

Yellow (47%)

Blue (19%)

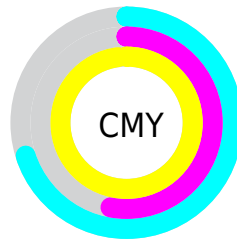


Cyan (37%)

Magenta (0%)

Yellow (97%)

Black (53%)



Cyan (70%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7804 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 4C7804 by changing the saturation by 10% instead.



4C7804



4C7804

FFFFFF



325F00



81AD41



174700



9DC85B



003000



B9E475



001C00



D5FF90



000000



F3FFAB



FFFFC7



FFFFE4



4C7804



4C7804

■ 4A7800

■ 517810

■ 55781C

■ 5A7828

■ 5E7834

■ 637840

■ 67784C

■ 6C7858

■ 707864

■ 757870

Harmonies

Analogous

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



7E6B00



4C7804



007F3C

Triad

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



4C7804



007DC3



C1356A

Complementary

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



4C7804



300478

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.



AA449A



4C7804



0071CF

Square

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



4C7804



0082A0



705DBF



BD413A

Rectangle

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



4C7804



00815E



705DBF



BD387A

Sweetspot

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



4C7804



8A9C6E



782F04



454F33



CFCFCF



4F4F4F

Same Dimension

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



4C7804



619C00



137804



3B3D37



4E7D00



9DFC00

Inverse Universe

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



300478



3B009C



690478



39373D



2F007D



6000FC

Previews

White Background



This preview shows how the Hex color 4C7804 looks on a white background.

Color Contrast Check

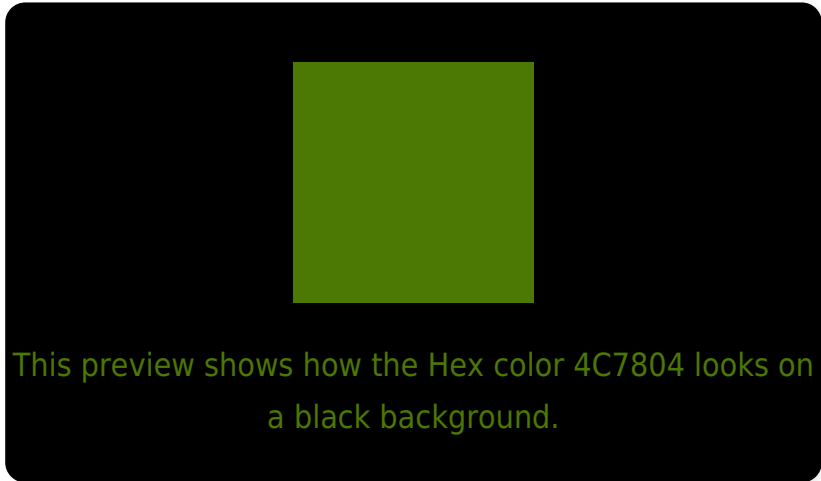
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C7804 Background



This preview shows how black text looks on a background with the Hex color 4C7804.



This preview shows how white text looks on a background with the Hex color 4C7804.

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
4C7804

Protanopia
796C00

Deuteranopia
886618



Tritanopia
597078

Trichromacy



Original Color
4C7804

Protanomaly
697001

Deuteranomaly
726D11

Tritanomaly
54734E

Monochromacy



Original Color
4C7804

Achromatopsia
5E5E5E

Achromatomaly
57673D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7804 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 #4C7804 looks like.

```
.text, #text, p{  
    color:#4C7804  
}
```

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 #4C7804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7804
}
```

Border

The CSS property to change the border of an element to Hex 4C7804 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
#4C7804 }
```

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

```
.border{ border-color:#4C7804 }
```

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

Here you see how a box with a 4 pixel #4C7804 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7804; -webkit-box-shadow:4px 4px  
4px 4px #4C7804; box-shadow:4px 4px 4px  
4px #4C7804 }
```

Background

The CSS property to change the background color of an element to Hex 4C7804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7804 }
```

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

```
.background{ background-color:#4C7804 }
```

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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