

# Converting Colors

Hex(4F7F14)

Have a look what the booklet for  
Hex(4F7F14) contains.

<b>Hex(4F7F14)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4F7F14)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F7F14
RGB	79, 127, 20
RGB Percent	31%, 50%, 8%
CMY	0.6902, 0.5020, 0.9216
CMYK	0.38, 0.00, 0.84, 0.50
HSL	87°, 73%, 29%
HSV	87°, 84%, 50%
XYZ	10.9401, 16.8915, 3.3456
YIQ	100.4500, 5.7390, -43.4530

# Conversions

## Conversions Part 2

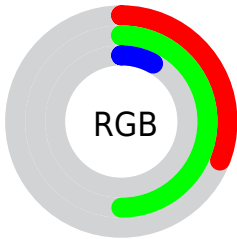
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 127, 68
Decimal	5209876
CIE <sub>Lab</sub>	48.12, -33.17, 47.91
CIE <sub>LCh</sub>	48, 58.278, 124.697
Yxy	16.8915, 0.3509, 0.5418
Android (android.graphics.Color)	4283399956 (0xFF4F7F14)
YUV	100.4500, -39.6618, -18.8116
Hunter-Lab	41.0993, -24.4094, 23.9431

# Details

The Hex color **4F7F14** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **44147F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **84B44A**, and **1A4D00** is the 20% darker color. If you saturate the color by 10%, you get **497F07**, and if you desaturate by 10%, it is **557F21**.

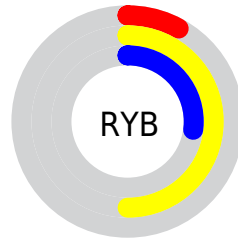
# Distribution



Red (31%)

Green (50%)

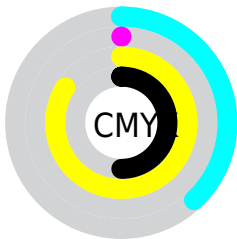
Blue (8%)



Red (8%)

Yellow (50%)

Blue (27%)

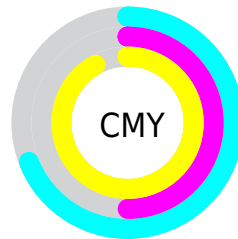


Cyan (38%)

Magenta (0%)

Yellow (84%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F7F14 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 4F7F14 by changing the saturation by 10% instead.





4F7F14



4F7F14

FFFFFF



356600



84B44A



1A4D00



A0D064



003600



BCEC7F



002300



D9FF9A



000000



F6FFB5



FFFFD1



FFFEE



4F7F14



4F7F14

■ 497F07

■ 557F21

■ 467F00

■ 5A7F2D

■ 607F3A

■ 667F47

■ 6B7F54

■ 717F60

■ 777F6D

■ 7D7F7A

■ 827F86

# Harmonies

## Analogous

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



827300



4F7F14



008646

# Triad

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



4F7F14



0082CB



C93E6D

# Complementary

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



4F7F14



44147F

# 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.



B34A9D



4F7F14



0076D5

# Square

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



4F7F14



0088A9



7C61C4



C44A3D

# Rectangle

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



4F7F14



008868



7C61C4



C53F7D



# Sweetspot

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



4F7F14



93A67C



7F4214



49543B



D4D4D4



545454



# Same Dimension

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



4F7F14



5BA600



1B7F14



3D4039



468000



000000



# Inverse Universe

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



44147F



4A00A6



78147F



3C3940



390080



000000



# Previews

## White Background



This preview shows how the Hex color 4F7F14 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 4F7F14 Background



This preview shows how black text looks on a background with the Hex color 4F7F14.



This preview shows how white text looks on a background with the Hex color 4F7F14.

# 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**  
4F7F14

**Protanopia**  
807210

**Deuteranopia**  
8F6C1F



**Tritanopia**  
5D7680

# Trichromacy



**Original Color**  
4F7F14

**Protanomaly**  
6E7711

**Deuteranomaly**  
78731B

**Tritanomaly**  
587959

# Monochromacy



**Original Color**  
4F7F14

**Achromatopsia**  
646464

**Achromatomaly**  
5C6E47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F7F14 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 #4F7F14 looks like.

```
.text, #text, p{  
    color:#4F7F14  
}
```

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 #4F7F14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7F14
}
```

## Border

The CSS property to change the border of an element to Hex 4F7F14 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
#4F7F14 }
```

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

```
.border{ border-color:#4F7F14 }
```

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

Here you see how a box with a 4 pixel #4F7F14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7F14; -webkit-box-shadow:4px 4px  
4px 4px #4F7F14; box-shadow:4px 4px 4px  
4px #4F7F14 }
```

# Background

The CSS property to change the background color of an element to Hex 4F7F14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7F14 }
```

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

```
.background{ background-color:#4F7F14 }
```

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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