

# Converting Colors

Hex(4F8646)

Have a look what the booklet for  
Hex(4F8646) contains.

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# Color

**Hex(4F8646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F8646
RGB	79, 134, 70
RGB Percent	31%, 53%, 27%
CMY	0.6902, 0.4745, 0.7255
CMYK	0.41, 0.00, 0.48, 0.47
HSL	112°, 31%, 40%
HSV	112°, 48%, 53%
XYZ	12.8550, 19.1547, 8.8140
YIQ	110.2590, -12.2360, -31.5640

# Conversions

## Conversions Part 2

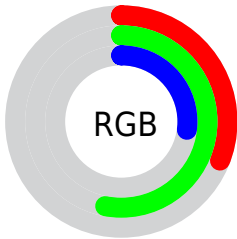
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 134, 125
Decimal	5211718
CIELab	50.87, -31.57, 28.77
CIELCh	51, 42.713, 137.653
Yxy	19.1547, 0.3149, 0.4692
Android (android.graphics.Color)	4283401798 (0xFF4F8646)
YUV	110.2590, -19.8477, -27.4141
Hunter-Lab	43.7660, -24.1612, 18.6958

# Details

The Hex color **4F8646** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4686**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **83BC78**, and **1B5418** is the 20% darker color. If you saturate the color by 10%, you get **438639**, and if you desaturate by 10%, it is **5B8653**.

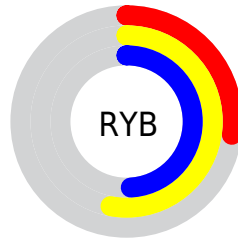
# Distribution



Red (31%)

Green (53%)

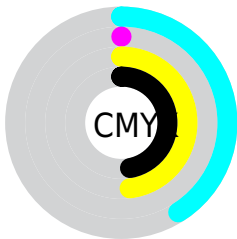
Blue (27%)



Red (27%)

Yellow (53%)

Blue (49%)

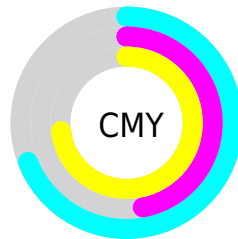


Cyan (41%)

Magenta (0%)

Yellow (48%)

Black (47%)



Cyan (69%)

Magenta (47%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F8646 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 4F8646 by changing the saturation by 10% instead.





4F8646



4F8646

FFFFFF



366C2F



83BC78



1B5418



9ED892



003C00



BAF4AC



002600



D6FFC8



000600



F3FFE4



000000



4F8646



4F8646



438639



5B8653



38862B



668661

 2C861E

 72866E

 218610

 7D867C

 158603

 898689

 138600

 948696

 A086A4

 AB86B1

 B786BF

# Harmonies

## Analogous

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



797E30



4F8646



008A68

# Triad

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



4F8646



0081C0



BD5A65

# Complementary

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



4F8646



7D4686

# 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.



B55B8A



4F8646



6275BF

# Square

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



4F8646



0089AE



9767AB



B36445

# Rectangle

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



4F8646



008B82



9767AB



BD5971



# Sweetspot

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



4F8646



99AD95



867C46



4A5748



D6D6D6



575757



# Same Dimension

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



4F8646



58AD4B



46865C



3D423C



128200



000300



# Inverse Universe

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



7D4686



A04BAD



864670



413C42



700082



020003



# Previews

## White Background



This preview shows how the Hex color 4F8646 looks on a white background.

## Color Contrast Check

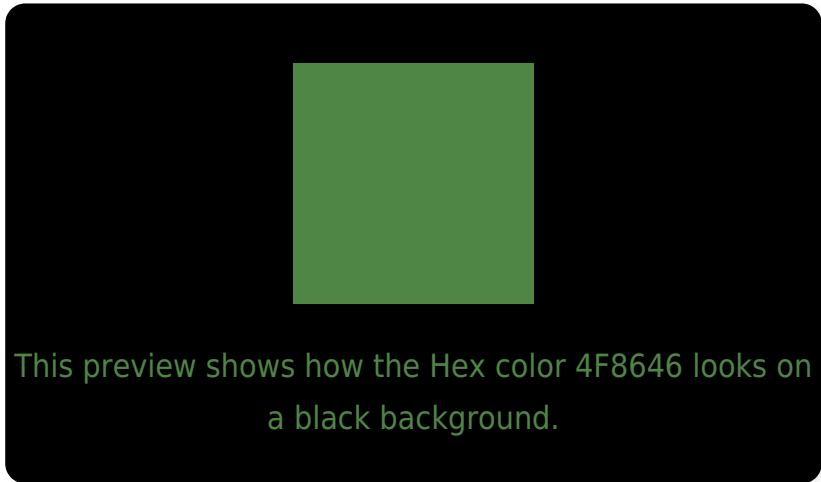
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

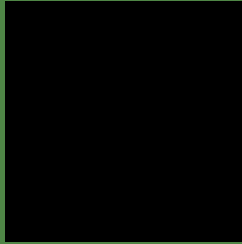
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F8646 Background



This preview shows how black text looks on a background with the Hex color 4F8646.



This preview shows how white text looks on a background with the Hex color 4F8646.

# 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**  
4F8646

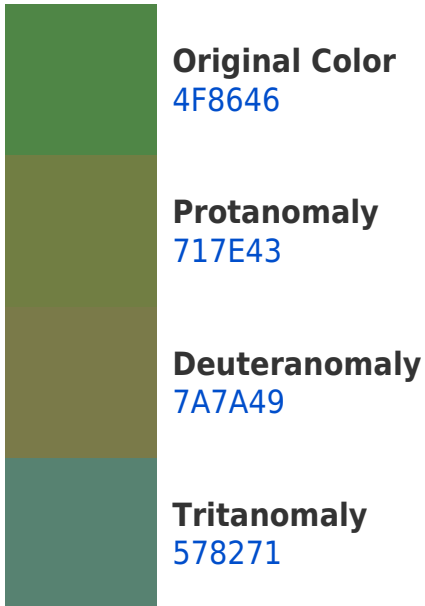
**Protanopia**  
857941

**Deuteranopia**  
92734B



**Tritanopia**  
5B7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F8646 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 #4F8646 looks like.

```
.text, #text, p{  
    color:#4F8646  
}
```

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 #4F8646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8646
}
```

## Border

The CSS property to change the border of an element to Hex 4F8646 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".

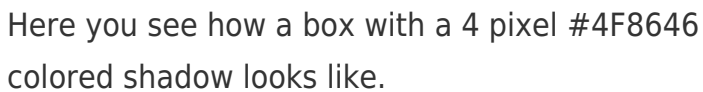
```
.border, #border, table{ border:4px solid
#4F8646 }
```

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

```
.border{ border-color:#4F8646 }
```

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

Here you see how a box with a 4 pixel #4F8646 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8646; -webkit-box-shadow:4px 4px  
4px 4px #4F8646; box-shadow:4px 4px 4px  
4px #4F8646 }
```

# Background

The CSS property to change the background color of an element to Hex 4F8646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8646 }
```

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

```
.background{ background-color:#4F8646 }
```

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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