

# Converting Colors

Hex(4F9742)

Have a look what the booklet for  
Hex(4F9742) contains.

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**Color**

**Hex(4F9742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F9742
RGB	79, 151, 66
RGB Percent	31%, 59%, 26%
CMY	0.6902, 0.4078, 0.7412
CMYK	0.48, 0.00, 0.56, 0.41
HSL	111°, 39%, 43%
HSV	111°, 56%, 59%
XYZ	15.2744, 24.1888, 9.0181
YIQ	119.7820, -15.6270, -41.6990

# Conversions

## Conversions Part 2

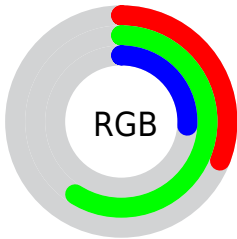
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 151, 138
Decimal	5216066
CIELab	56.28, -39.70, 37.43
CIELCh	56, 54.564, 136.680
Yxy	24.1888, 0.3151, 0.4989
Android (android.graphics.Color)	4283406146 (0xFF4F9742)
YUV	119.7820, -26.5145, -35.7658
Hunter-Lab	49.1821, -30.6323, 23.5560

# Details

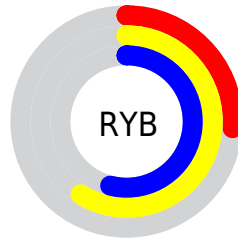
The Hex color **4F9742** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8A4297**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **85CE74**, and **146310** is the 20% darker color. If you saturate the color by 10%, you get **429733**, and if you desaturate by 10%, it is **5C9751**.

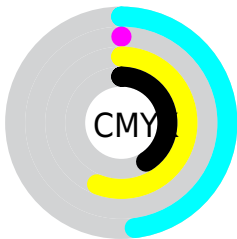
# Distribution



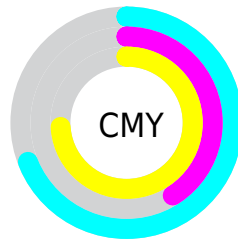
- Red (31%)
- Green (59%)
- Blue (26%)



- Red (26%)
- Yellow (59%)
- Blue (54%)



- Cyan (48%)
- Magenta (0%)
- Yellow (56%)
- Black (41%)



- Cyan (69%)
- Magenta (41%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F9742 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 4F9742 by changing the saturation by 10% instead.



 4F9742

 4F9742

FFFFFF

 347D2A

 85CE74

 146310

 A1EA8F

 004B00

 BDFFAA

 003300

 DAFFC5

 001E00

 F7FFE2

 000000

 4F9742

 4F9742

 429733

 5C9751

 359724

 699760

■ 299715

■ 75976F

■ 1C9706

■ 82977E

■ 179700

■ 8F978E

■ 9C979D

■ A997AC

■ B597BB

■ C297CA

# Harmonies

## Analogous

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



878D22



4F9742



009C6F

# Triad

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



4F9742



0092E3



DE5C6E

# Complementary

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



4F9742



8A4297

# 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.



D25E9E



4F9742



6083E2

# Square

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



4F9742



009BCB



AB6FC9



D06A43

# Rectangle

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



4F9742



009E90



AB6FC9



DD5A7E



# Sweetspot

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



4F9742



A8C4A3



978942



536350



E3E3E3



636363



# Same Dimension

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



4F9742



53C43F



42975E



464D45



158C00



020D00



# Inverse Universe

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



8A4297



B03FC4



97427B



4B454D



77008C



0B000D



# Previews

## White Background



This preview shows how the Hex color 4F9742 looks on a white background.

## Color Contrast Check

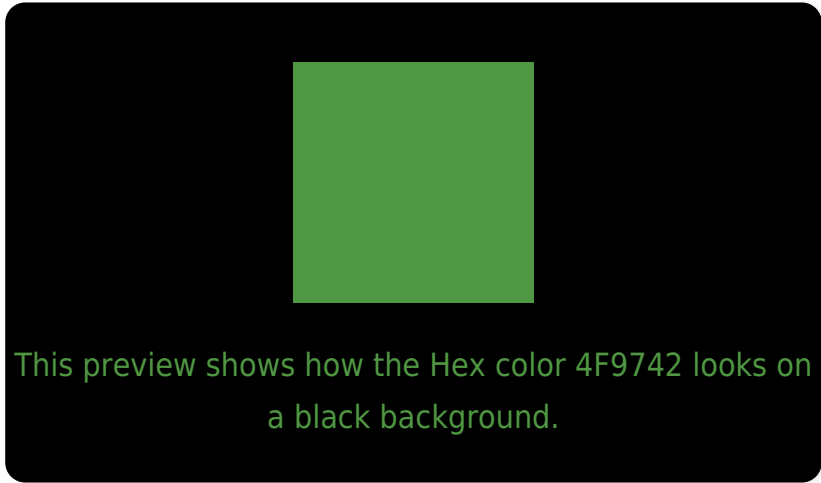
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F9742 Background



This preview shows how black text looks on a background with the Hex color 4F9742.



This preview shows how white text looks on a background with the Hex color 4F9742.

# 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





**Tritanopia**  
608E99

# Trichromacy



**Original Color**  
4F9742

**Protanomaly**  
7C8C3F

**Deuteranomaly**  
858846

**Tritanomaly**  
5A9179

# Monochromacy



**Original Color**  
4F9742

**Achromatopsia**  
787878

**Achromatomaly**  
698364

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F9742 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 #4F9742 looks like.

```
.text, #text, p{  
    color:#4F9742  
}
```

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 #4F9742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9742
}
```

## Border

The CSS property to change the border of an element to Hex 4F9742 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
#4F9742 }
```

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

```
.border{ border-color:#4F9742 }
```

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

Here you see how a box with a 4 pixel #4F9742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9742; -webkit-box-shadow:4px 4px  
4px 4px #4F9742; box-shadow:4px 4px 4px  
4px #4F9742 }
```

# Background

The CSS property to change the background color of an element to Hex 4F9742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9742 }
```

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

```
.background{ background-color:#4F9742 }
```

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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