

Converting Colors

Hex(4F9745)

Have a look what the booklet for
Hex(4F9745) contains.

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Color

Hex(4F9745)

Conversions

Conversions Part 1

Format	Color
Hex	4F9745
RGB	79, 151, 69
RGB Percent	31%, 59%, 27%
CMY	0.6902, 0.4078, 0.7294
CMYK	0.48, 0.00, 0.54, 0.41
HSL	113°, 37%, 43%
HSV	113°, 54%, 59%
XYZ	15.3652, 24.2252, 9.4963
YIQ	120.1240, -16.5900, -40.7660

Conversions

Conversions Part 2

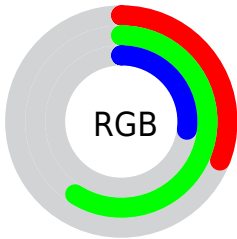
Format	Color
RYB	69, 151, 141
Decimal	5216069
CIELab	56.31, -39.31, 35.98
CIELCh	56, 53.296, 137.534
Yxy	24.2252, 0.3130, 0.4935
Android (android.graphics.Color)	4283406149 (0xFF4F9745)
YUV	120.1240, -25.2041, -36.0657
Hunter-Lab	49.2191, -30.4091, 23.0139

Details

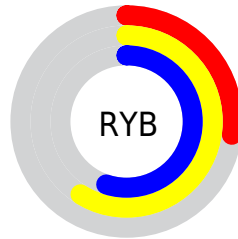
The Hex color **4F9745** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8D4597**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **85CE77**, and **146314** is the 20% darker color. If you saturate the color by 10%, you get **429736**, and if you desaturate by 10%, it is **5C9754**.

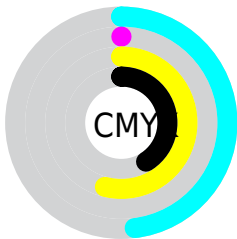
Distribution



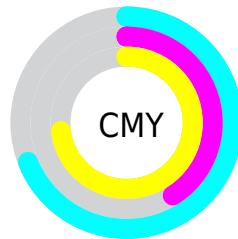
- Red (31%)
- Green (59%)
- Blue (27%)



- Red (27%)
- Yellow (59%)
- Blue (55%)



- Cyan (48%)
- Magenta (0%)
- Yellow (54%)
- Black (41%)



- Cyan (69%)
- Magenta (41%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9745 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 4F9745 by changing the saturation by 10% instead.



4F9745



4F9745

FFFFFF



347D2D



85CE77



146314



A1EA92



004B00



BDFPAD



003300



D9FFC8



001E00



F7FFE5



000000



4F9745



4F9745



429736



5C9754



349727



6A9763


 279718

 779772

 1A9709

 849781

 129700

 919791

 9F97A0

 AC97AF

 B997BE

 C697CD

Harmonies

Analogous

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



868D26



4F9745



009C71

Triad

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



4F9745



0092E1



DC5D6E

Complementary

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



4F9745



8D4597

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.



D25F9C



4F9745



6483E0

Square

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



4F9745



009ACB



AC6FC6



CF6B44

Rectangle

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



4F9745



009D92



AC6FC6



DB5C7D

Sweetspot

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



4F9745



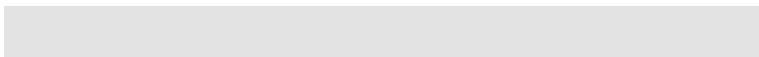
A9C4A5



978C45



536351



E3E3E3



636363

Same Dimension

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



4F9745



54C445



459763



464D45



118C00



020D00

Inverse Universe

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



8D4597



B545C4



974579



4C454D



7B008C



0B000D

Previews

White Background



This preview shows how the Hex color 4F9745 looks on a white background.

Color Contrast Check

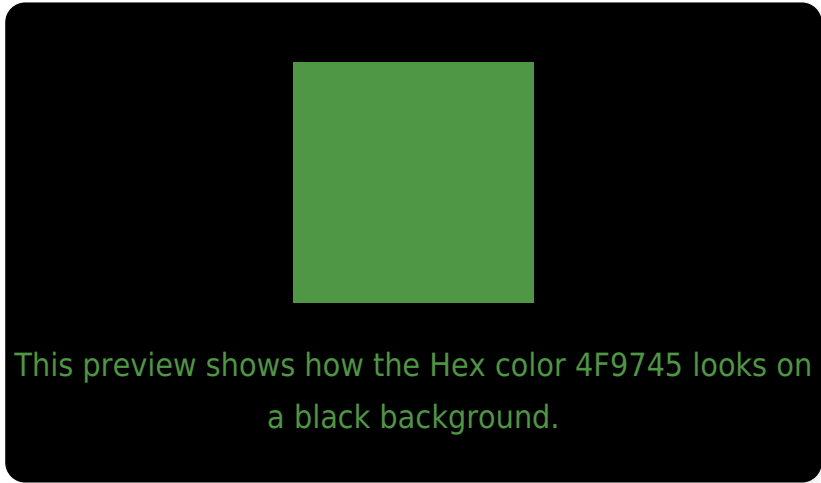
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F9745 Background



This preview shows how black text looks on a background with the Hex color 4F9745.



This preview shows how white text looks on a background with the Hex color 4F9745.

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
4F9745

Protanomaly
7C8C42

Deuteranomaly
858849

Tritanomaly
5A917A

Monochromacy



Original Color
4F9745

Achromatopsia
787878

Achromatomaly
698365

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9745 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 #4F9745 looks like.

```
.text, #text, p{  
    color:#4F9745  
}
```

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 #4F9745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9745
}
```

Border

The CSS property to change the border of an element to Hex 4F9745 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
#4F9745 }
```

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

```
.border{ border-color:#4F9745 }
```

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

Here you see how a box with a 4 pixel #4F9745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9745; -webkit-box-shadow:4px 4px  
4px 4px #4F9745; box-shadow:4px 4px 4px  
4px #4F9745 }
```

Background

The CSS property to change the background color of an element to Hex 4F9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9745 }
```

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

```
.background{ background-color:#4F9745 }
```

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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