

Converting Colors

Hex(4F9A47)

Have a look what the booklet for
Hex(4F9A47) contains.

Hex(4F9A47)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F9A47)

Conversions

Conversions Part 1

Format	Color
Hex	4F9A47
RGB	79, 154, 71
RGB Percent	31%, 60%, 28%
CMY	0.6902, 0.3961, 0.7216
CMYK	0.49, 0.00, 0.54, 0.40
HSL	114°, 37%, 44%
HSV	114°, 54%, 60%
XYZ	15.9174, 25.2284, 9.9919
YIQ	122.1130, -18.0570, -41.7130

Conversions

Conversions Part 2

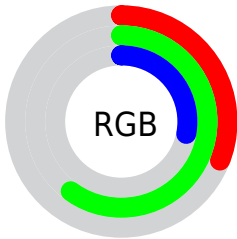
Format	Color
RYB	71, 154, 146
Decimal	5216839
CIELab	57.30, -40.34, 36.16
CIELCh	57, 54.173, 138.121
Yxy	25.2284, 0.3113, 0.4933
Android (android.graphics.Color)	4283406919 (0xFF4F9A47)
YUV	122.1130, -25.1987, -37.8101
Hunter-Lab	50.2279, -31.3315, 23.3649

Details

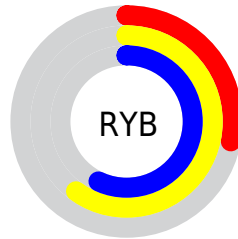
The Hex color **4F9A47** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **92479A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **85D179**, and **136616** is the 20% darker color. If you saturate the color by 10%, you get **419A38**, and if you desaturate by 10%, it is **5D9A56**.

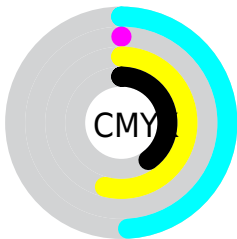
Distribution



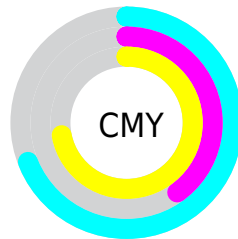
- Red (31%)
- Green (60%)
- Blue (28%)



- Red (28%)
- Yellow (60%)
- Blue (57%)



- Cyan (49%)
- Magenta (0%)
- Yellow (54%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9A47 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 4F9A47 by changing the saturation by 10% instead.



4F9A47



4F9A47

FFFFFF



33802F



85D179



136616



A1EE94



004D00



BDFFAF



003600



DAFFCB



002100



F7FFE7



000000



4F9A47



4F9A47



419A38



5D9A56



339A28



6B9A66

■ 259A19

■ 799A75

■ 179A09

■ 879A85

■ 0F9A00

■ 959A94

■ A29AA3

■ B09AB3

■ BE9AC2

■ CC9AD2

Harmonies

Analogous

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



879027



4F9A47



009F75

Triad

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



4F9A47



0094E6



E05F6F

Complementary

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



4F9A47



92479A

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.



D6609E



4F9A47



6885E4

Square

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



4F9A47



009DCF



B071C9



D26E44

Rectangle

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



4F9A47



00A095



B071C9



E05E7F

Sweetspot

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



4F9A47



ACC9A9



9A9247



546653



E6E6E6



666666

Same Dimension

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



4F9A47



53C947



479A68



464D45



0E8C00



010D00

Inverse Universe

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



92479A



BD47C9



9A4779



4C454D



7F008C



0C000D

Previews

White Background



This preview shows how the Hex color 4F9A47 looks on a white background.

Color Contrast Check

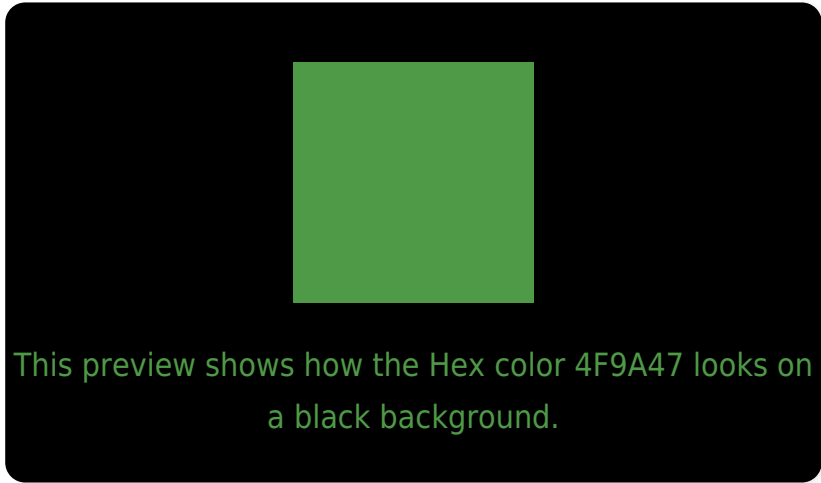
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F9A47 Background



This preview shows how black text looks on a background with the Hex color 4F9A47.

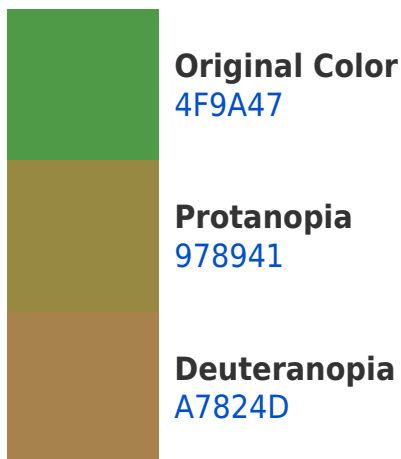



This preview shows how white text looks on a background with the Hex color 4F9A47.

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
60919D

Trichromacy



Original Color
4F9A47



Protanomaly
7D8F43



Deuteranomaly
878B4B



Tritanomaly
5A947E

Monochromacy



Original Color
4F9A47



Achromatopsia
7A7A7A



Achromatomaly
6A8667

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9A47 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 #4F9A47 looks like.

```
.text, #text, p{  
    color:#4F9A47  
}
```

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 #4F9A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9A47
}
```

Border

The CSS property to change the border of an element to Hex 4F9A47 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
#4F9A47 }
```

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

```
.border{ border-color:#4F9A47 }
```

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

Here you see how a box with a 4 pixel #4F9A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9A47; -webkit-box-shadow:4px 4px  
4px 4px #4F9A47; box-shadow:4px 4px 4px  
4px #4F9A47 }
```

Background

The CSS property to change the background color of an element to Hex 4F9A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9A47 }
```

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

```
.background{ background-color:#4F9A47 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor