

Converting Colors

Hex(4F9A4F)

Have a look what the booklet for
Hex(4F9A4F) contains.

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Color

Hex(4F9A4F)

Conversions

Conversions Part 1

Format	Color
Hex	4F9A4F
RGB	79, 154, 79
RGB Percent	31%, 60%, 31%
CMY	0.6902, 0.3961, 0.6902
CMYK	0.49, 0.00, 0.49, 0.40
HSL	120°, 32%, 46%
HSV	120°, 49%, 60%
XYZ	16.1913, 25.3380, 11.4345
YIQ	123.0250, -20.6250, -39.2250

Conversions

Conversions Part 2

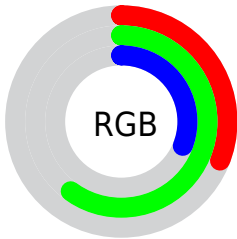
Format	Color
RYB	79, 154, 154
Decimal	5216847
CIELab	57.40, -39.22, 32.20
CIELCh	57, 50.744, 140.615
Yxy	25.3380, 0.3057, 0.4784
Android (android.graphics.Color)	4283406927 (0xFF4F9A4F)
YUV	123.0250, -21.7043, -38.6099
Hunter-Lab	50.3368, -30.6732, 21.7675

Details

The Hex color **4F9A4F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A4F9A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **85D182**, and **14661F** is the 20% darker color. If you saturate the color by 10%, you get **409A40**, and if you desaturate by 10%, it is **5E9A5E**.

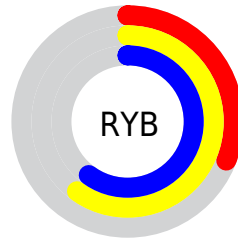
Distribution



Red (31%)

Green (60%)

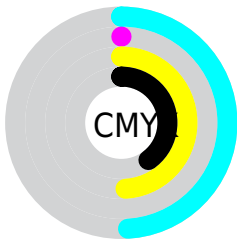
Blue (31%)



Red (31%)

Yellow (60%)

Blue (60%)

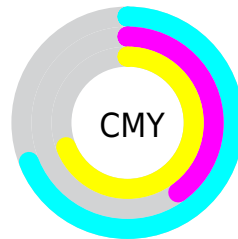


Cyan (49%)

Magenta (0%)

Yellow (49%)

Black (40%)



Cyan (69%)

Magenta (40%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9A4F 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 4F9A4F by changing the saturation by 10% instead.



4F9A4F



4F9A4F

FFFFFF



348037



85D182



14661F



A1EE9C



004D06



BDFFB7



003600



D9FFD3



002100



F7FFF0



000000



4F9A4F



4F9A4F



409A40



5E9A5E



309A30



6E9A6E

■ 219A21

■ 7D9A7D

■ 119A11

■ 8D9A8D

■ 029A02

■ 9C9A9C

■ 009A00

■ AB9AAB

■ BB9ABB

■ CA9ACA

■ DA9ADA

Harmonies

Analogous

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



849131



4F9A4F



009F7A

Triad

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



4F9A4F



0093E1



DB646D

Complementary

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



4F9A4F



9A4F9A

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.



D4649A



4F9A4F



7384DD

Square

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



4F9A4F



009CCD



B271C3



CD7246

Rectangle

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



4F9A4F



00A099



B271C3



DB627C

Sweetspot

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



4F9A4F



ABC9AB



9A9A4F



546654



E6E6E6



666666

Same Dimension

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



4F9A4F



55C955



4F9A75



454D45



008C00



000D00

Inverse Universe

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



9A4F9A



C955C9



9A4F75



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 4F9A4F looks on a white background.

Color Contrast Check

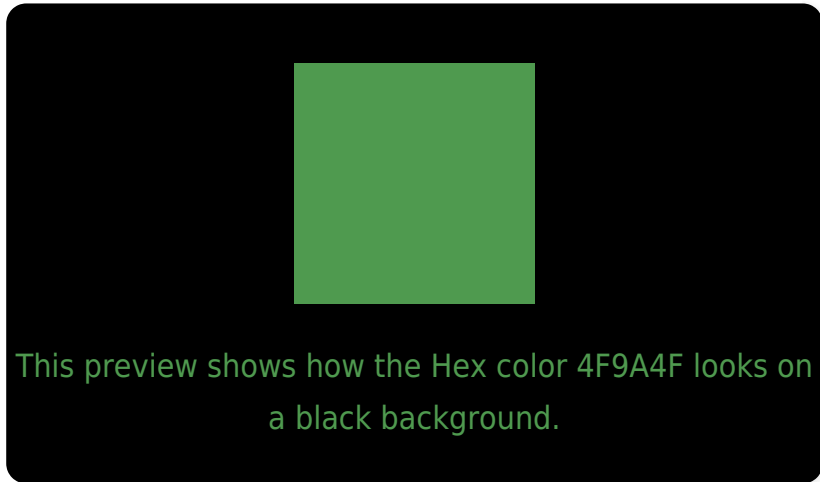
Large Text (above 18pt) WCAG AA ✓ Pass

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

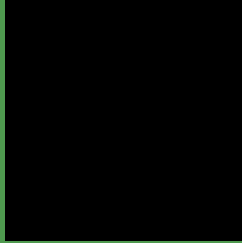
Any Text WCAG AA ✓ Pass

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 4F9A4F Background



This preview shows how black text looks on a background with the Hex color 4F9A4F.



This preview shows how white text looks on a background with the Hex color 4F9A4F.

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
4F9A4F

Protanopia
978949

Deuteranopia
A68355



Tritanopia
60919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9A4F 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 #4F9A4F looks like.

```
.text, #text, p{  
    color:#4F9A4F  
}
```

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 #4F9A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9A4F
}
```

Border

The CSS property to change the border of an element to Hex 4F9A4F 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
#4F9A4F }
```

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

```
.border{ border-color:#4F9A4F }
```

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

Here you see how a box with a 4 pixel #4F9A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9A4F; -webkit-box-shadow:4px 4px  
4px 4px #4F9A4F; box-shadow:4px 4px 4px  
4px #4F9A4F }
```

Background

The CSS property to change the background color of an element to Hex 4F9A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9A4F }
```

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

```
.background{ background-color:#4F9A4F }
```

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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