

Converting Colors

Hex(4F9A56)

Have a look what the booklet for
Hex(4F9A56) contains.

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Color

Hex(4F9A56)

Conversions

Conversions Part 1

Format	Color
Hex	4F9A56
RGB	79, 154, 86
RGB Percent	31%, 60%, 34%
CMY	0.6902, 0.3961, 0.6627
CMYK	0.49, 0.00, 0.44, 0.40
HSL	126°, 32%, 46%
HSV	126°, 49%, 60%
XYZ	16.4598, 25.4454, 12.8480
YIQ	123.8230, -22.8720, -37.0480

Conversions

Conversions Part 2

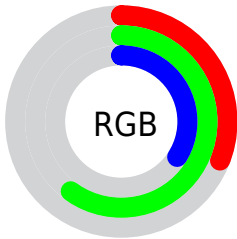
Format	Color
R_{YB}	79, 148, 154
Decimal	5216854
CIE _{Lab}	57.51, -38.14, 28.64
CIE _{LCh}	58, 47.698, 143.100
Yxy	25.4454, 0.3006, 0.4647
Android (android.graphics.Color)	4283406934 (0xFF4F9A56)
YUV	123.8230, -18.6467, -39.3098
Hunter-Lab	50.4434, -30.0311, 20.2091

Details

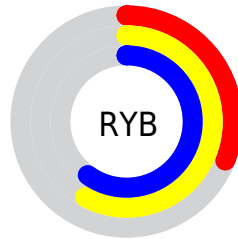
The Hex color **4F9A56** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A4F93**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **85D189**, and **156627** is the 20% darker color. If you saturate the color by 10%, you get **409A48**, and if you desaturate by 10%, it is **5E9A64**.

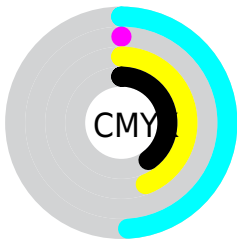
Distribution



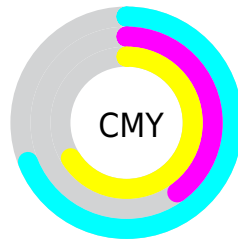
- Red (31%)
- Green (60%)
- Blue (34%)



- Red (31%)
- Yellow (58%)
- Blue (60%)



- Cyan (49%)
- Magenta (0%)
- Yellow (44%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9A56 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 4F9A56 by changing the saturation by 10% instead.



4F9A56



4F9A56

FFFFFF



34803E



85D189



156627



A0EEA3



004D10



BCFFBF



003600



D9FFDB



002100



F6FFF7



000000



4F9A56



4F9A56



409A48



5E9A64



309A3A



6E9A72

 219A2C

 7D9A80

 119A1E

 8D9A8E

 029A10

 9C9A9C

 009A0E

 AB9AAA

 BB9AB8

 CA9AC6

 DA9AD4

Harmonies

Analogous

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



829239



4F9A56



009E7F

Triad

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



4F9A56



0091DD



D7686C

Complementary

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



4F9A56



9A4F93

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.



D26796



4F9A56



7C83D7

Square

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



4F9A56



009BCC



B472BD



C87548

Rectangle

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



4F9A56



009F9C



B472BD



D86679

Sweetspot

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



4F9A56



ABC9AE



949A4F



546655



E6E6E6



666666

Same Dimension

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



4F9A56



55C960



4F9A7B



454D46



008C0D



000D01

Inverse Universe

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



9A4F93



C955BF



9A4F6E



4D454C



8C007F



0D000C

Previews

White Background



This preview shows how the Hex color 4F9A56 looks on a white background.

Color Contrast Check

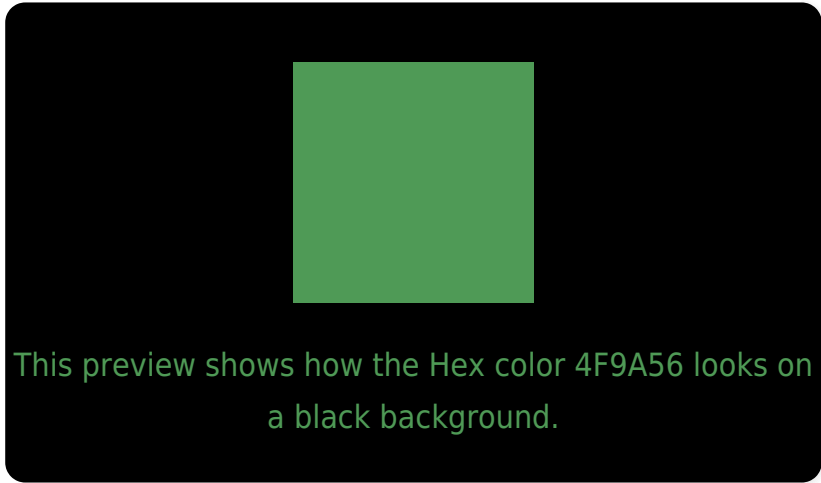
Large Text (above 18pt) WCAG AA ✓ Pass

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

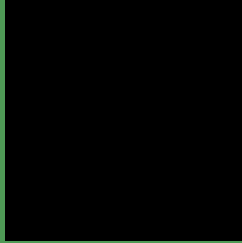
Any Text WCAG AA ✓ Pass

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 4F9A56 Background



This preview shows how black text looks on a background with the Hex color 4F9A56.

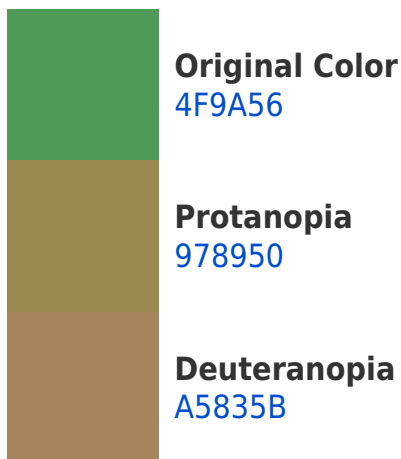


This preview shows how white text looks on a background with the Hex color 4F9A56.

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
5F929E

Trichromacy



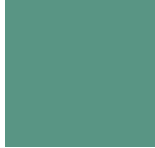
Original Color
4F9A56



Protanomaly
7D8F52



Deuteranomaly
868B59



Tritanomaly
599584

Monochromacy



Original Color
4F9A56



Achromatopsia
7C7C7C



Achromatomaly
6C876E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9A56 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 #4F9A56 looks like.

```
.text, #text, p{  
    color:#4F9A56  
}
```

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 #4F9A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9A56
}
```

Border

The CSS property to change the border of an element to Hex 4F9A56 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".

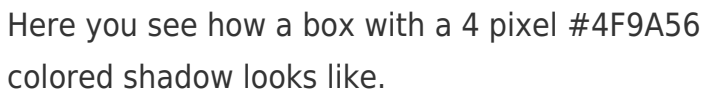
```
.border, #border, table{ border:4px solid
#4F9A56 }
```

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

```
.border{ border-color:#4F9A56 }
```

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

Here you see how a box with a 4 pixel #4F9A56 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9A56; -webkit-box-shadow:4px 4px  
4px 4px #4F9A56; box-shadow:4px 4px 4px  
4px #4F9A56 }
```

Background

The CSS property to change the background color of an element to Hex 4F9A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9A56 }
```

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

```
.background{ background-color:#4F9A56 }
```

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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awesome pro features!

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