

Converting Colors

Hex(4EA04F)

Have a look what the booklet for
Hex(4EA04F) contains.

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Color

Hex(4EA04F)

Conversions

Conversions Part 1

Format	Color
Hex	4EA04F
RGB	78, 160, 79
RGB Percent	31%, 63%, 31%
CMY	0.6941, 0.3725, 0.6902
CMYK	0.51, 0.00, 0.51, 0.37
HSL	121°, 34%, 47%
HSV	121°, 51%, 63%
XYZ	17.1240, 27.3258, 11.7690
YIQ	126.2480, -22.8710, -42.5750

Conversions

Conversions Part 2

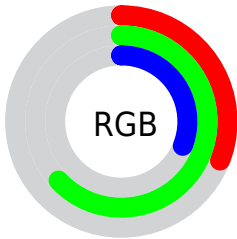
Format	Color
RYB	78, 159, 160
Decimal	5152847
CIELab	59.27, -42.06, 34.51
CIELCh	59, 54.411, 140.631
Yxy	27.3258, 0.3046, 0.4861
Android (android.graphics.Color)	4283342927 (0xFF4EA04F)
YUV	126.2480, -23.2933, -42.3135
Hunter-Lab	52.2741, -33.0066, 23.2433

Details

The Hex color **4EA04F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A04E9F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **85D782**, and **0E6C1F** is the 20% darker color. If you saturate the color by 10%, you get **3EA03F**, and if you desaturate by 10%, it is **5EA05F**.

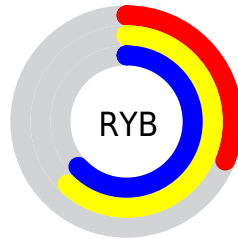
Distribution



Red (31%)

Green (63%)

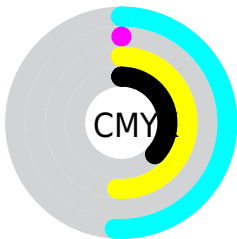
Blue (31%)



Red (31%)

Yellow (62%)

Blue (63%)

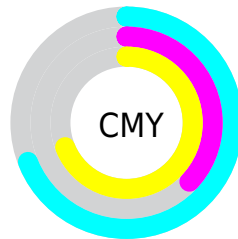


Cyan (51%)

Magenta (0%)

Yellow (51%)

Black (37%)



Cyan (69%)

Magenta (37%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA04F 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 4EA04F by changing the saturation by 10% instead.



4EA04F



4EA04F

FFFFFF



328537



85D782



0E6C1F



A1F49C



005304



BDFFB8



003A00



DAFFD4



002600



F7FFF0



000000



4EA04F



4EA04F



3EA03F



5EA05F



2EA02F



6EA06F

 1EA020

 7EA07E

 0EA010

 8EA08E

 00A002

 9EA09E

 AEA0AE

 BEA0BE

 CEA0CD

 DEA0DD

Harmonies

Analogous

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



88962E



4EA04F



00A57E

Triad

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



4EA04F



0098ED



E66570

Complementary

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



4EA04F



A04E9F

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.



DE65A0



4EA04F



7588E8

Square

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



4EA04F



00A2D8



BA74CC



D67446

Rectangle

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



4EA04F



00A69F



BA74CC



E66380

Sweetspot

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



4EA04F



B2D1B2



A0A04E



566956



E8E8E8



696969

Same Dimension

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



4EA04F



4FD151



4EA077



474F47



008F02



000F00

Inverse Universe

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



A04E9F



D14FD0



A04E77



4F474F



8F008D



0F000F

Previews

White Background



This preview shows how the Hex color 4EA04F looks on a white background.

Color Contrast Check

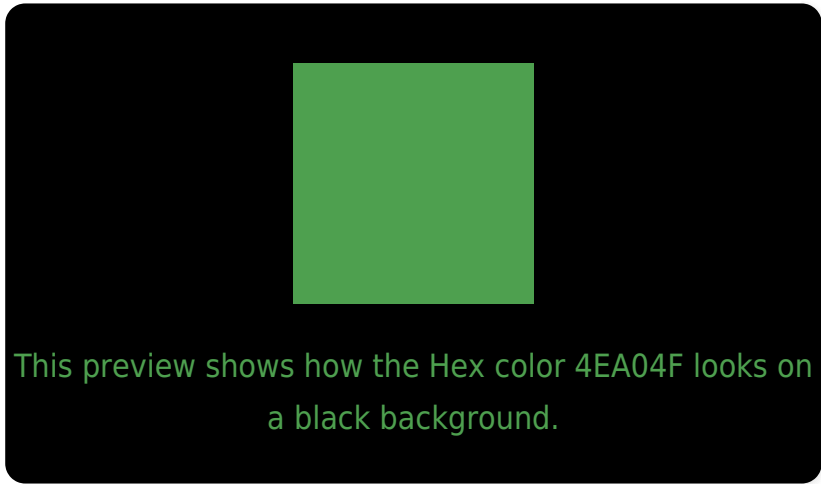
Large Text (above 18pt) WCAG AA ✓ Pass

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 4EA04F Background



This preview shows how black text looks on a background with the Hex color 4EA04F.

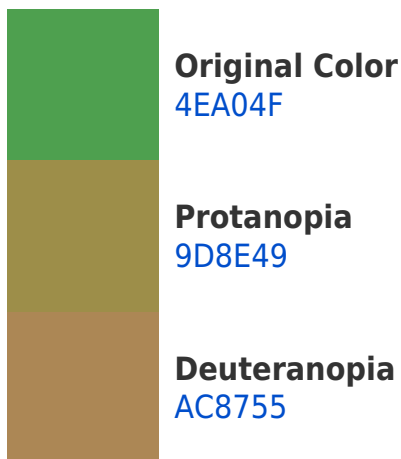


This preview shows how white text looks on a background with the Hex color 4EA04F.

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
6097A3

Trichromacy



Original Color
4EA04F



Protanomaly
80954B



Deuteranomaly
8A9053



Tritanomaly
599A84

Monochromacy



Original Color
4EA04F



Achromatopsia
7E7E7E



Achromatomaly
6D8A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA04F 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 #4EA04F looks like.

```
.text, #text, p{  
    color:#4EA04F  
}
```

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 #4EA04F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA04F
}
```

Border

The CSS property to change the border of an element to Hex 4EA04F 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
#4EA04F }
```

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

```
.border{ border-color:#4EA04F }
```

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

Here you see how a box with a 4 pixel #4EA04F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA04F; -webkit-box-shadow:4px 4px  
4px 4px #4EA04F; box-shadow:4px 4px 4px  
4px #4EA04F }
```

Background

The CSS property to change the background color of an element to Hex 4EA04F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA04F }
```

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

```
.background{ background-color:#4EA04F }
```

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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