

Converting Colors

Hex(4FA66E)

Have a look what the booklet for
Hex(4FA66E) contains.

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Color

Hex(4FA66E)

Conversions

Conversions Part 1

Format	Color
Hex	4FA66E
RGB	79, 166, 110
RGB Percent	31%, 65%, 43%
CMY	0.6902, 0.3490, 0.5686
CMYK	0.52, 0.00, 0.34, 0.35
HSL	141°, 36%, 48%
HSV	141°, 52%, 65%
XYZ	19.6751, 30.0605, 19.5171
YIQ	133.6030, -33.8760, -35.8600

Conversions

Conversions Part 2

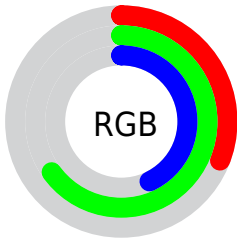
Format	Color
RYB	79, 143, 166
Decimal	5219950
CIELab	61.71, -39.17, 21.21
CIELCh	62, 44.539, 151.563
Yxy	30.0605, 0.2841, 0.4341
Android (android.graphics.Color)	4283410030 (0xFF4FA66E)
YUV	133.6030, -11.6363, -47.8868
Hunter-Lab	54.8274, -31.8923, 17.2735

Details

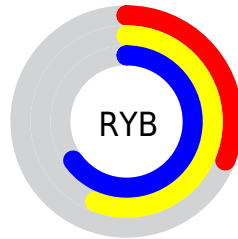
The Hex color **4FA66E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A64F87**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **86DEA2**, and **10713E** is the 20% darker color. If you saturate the color by 10%, you get **3EA663**, and if you desaturate by 10%, it is **60A679**.

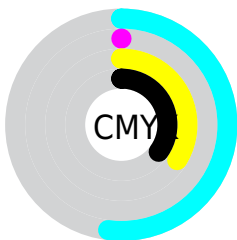
Distribution



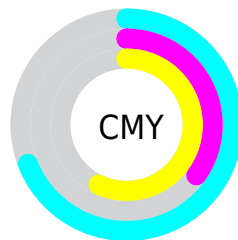
- Red (31%)
- Green (65%)
- Blue (43%)



- Red (31%)
- Yellow (56%)
- Blue (65%)



- Cyan (52%)
- Magenta (0%)
- Yellow (34%)
- Black (35%)



- Cyan (69%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FA66E 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 4FA66E by changing the saturation by 10% instead.

■ 4FA66E

■ 4FA66E

FFFFFF

■ 338B55

■ 86DEA2

■ 10713E

■ A2FBBD

■ 005827

■ BEFFD9

■ 004012

■ DBFFF6

■ 002A00

■ F8FFFF

■ 000C00

■ 000000

■ 4FA66E

■ 4FA66E

■ 3EA663

■ 60A679

 2EA659

 70A683

 1DA64E

 81A68E

 0DA643

 91A699

 00A63B

 A2A6A3

 B3A6AE

 C3A6B9

 D4A6C3

 E4A6CE

Harmonies

Analogous

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



829F4F



4FA66E



00A996

Triad

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



4FA66E



5498E4



DD796E

Complementary

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



4FA66E



A64F87

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.



DD7495



4FA66E



9B8AD8

Square

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



4FA66E



00A3DA



C87BBB



CA8550

Rectangle

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



4FA66E



00A9B1



C87BBB



DF767A

Sweetspot

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



4FA66E



B6D9C2



88A64F



596E60



EDEDED



6E6E6E

Same Dimension

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



4FA66E



50D981



4FA699



4C544F



009435



001407

Inverse Universe

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



A64F87



D950A8



A64F5C



544C51



94005F



14000D

Previews

White Background



This preview shows how the Hex color 4FA66E looks on a white background.

Color Contrast Check

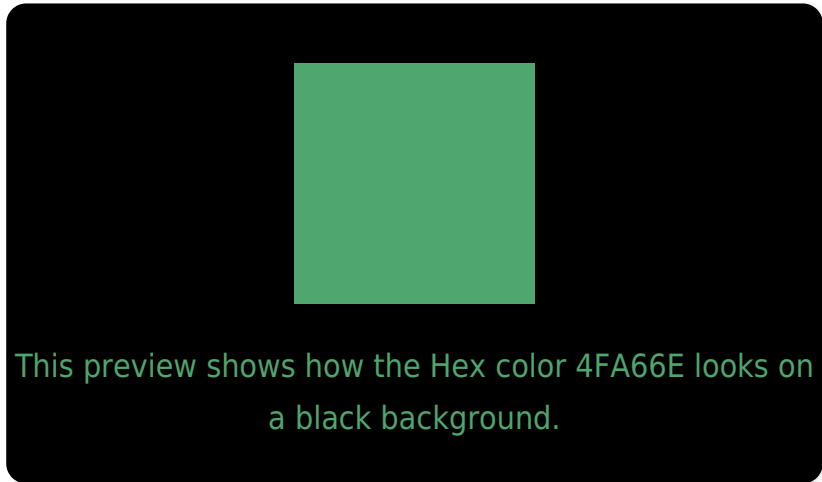
Large Text (above 18pt) WCAG AA × Fail

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

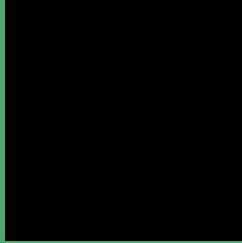
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4FA66E Background



This preview shows how black text looks on a background with the Hex color 4FA66E.

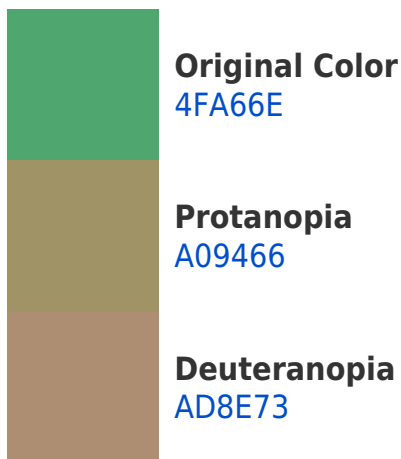


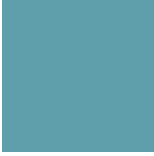
This preview shows how white text looks on a background with the Hex color 4FA66E.

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



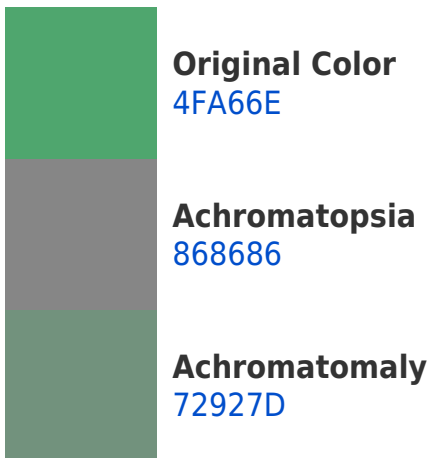


Tritanopia
5F9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FA66E 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 #4FA66E looks like.

```
.text, #text, p{  
    color:#4FA66E  
}
```

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 #4FA66E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA66E
}
```

Border

The CSS property to change the border of an element to Hex 4FA66E 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
#4FA66E }
```

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

```
.border{ border-color:#4FA66E }
```

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

Here you see how a box with a 4 pixel #4FA66E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA66E; -webkit-box-shadow:4px 4px  
4px 4px #4FA66E; box-shadow:4px 4px 4px  
4px #4FA66E }
```

Background

The CSS property to change the background color of an element to Hex 4FA66E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA66E }
```

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

```
.background{ background-color:#4FA66E }
```

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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