

Converting Colors

Hex(4FA674)

Have a look what the booklet for
Hex(4FA674) contains.

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Color

Hex(4FA674)

Conversions

Conversions Part 1

Format	Color
Hex	4FA674
RGB	79, 166, 116
RGB Percent	31%, 65%, 45%
CMY	0.6902, 0.3490, 0.5451
CMYK	0.52, 0.00, 0.30, 0.35
HSL	146°, 36%, 48%
HSV	146°, 52%, 65%
XYZ	20.0131, 30.1957, 21.2965
YIQ	134.2870, -35.8020, -33.9940

Conversions

Conversions Part 2

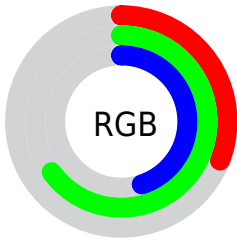
Format	Color
RYB	79, 140, 166
Decimal	5219956
CIELab	61.82, -37.98, 18.08
CIELCh	62, 42.067, 154.543
Yxy	30.1957, 0.2799, 0.4223
Android (android.graphics.Color)	4283410036 (0xFF4FA674)
YUV	134.2870, -9.0155, -48.4867
Hunter-Lab	54.9506, -31.1536, 15.4871

Details

The Hex color **4FA674** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A64F81**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **86DEA8**, and **107143** is the 20% darker color. If you saturate the color by 10%, you get **3EA66A**, and if you desaturate by 10%, it is **60A67E**.

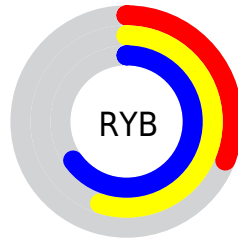
Distribution



Red (31%)

Green (65%)

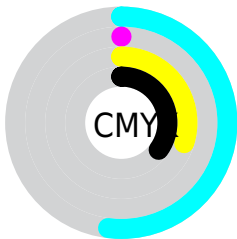
Blue (45%)



Red (31%)

Yellow (55%)

Blue (65%)

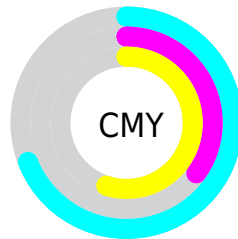


Cyan (52%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (69%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FA674 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 4FA674 by changing the saturation by 10% instead.



4FA674



4FA674

FFFFFF



338B5B



86DEA8



107143



A2FBC4



00582D



BEFFE0



004017



DBFFFC



002A00



F8FFFF



000C00



000000



4FA674



4FA674



3EA66A



60A67E

 2EA661

 70A687

 1DA657

 81A691

 0DA64E

 91A69A

 00A647

 A2A6A4

 B3A6AD

 C3A6B7

 D4A6C0

 E4A6CA

Harmonies

Analogous

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



809F56



4FA674



00A99A

Triad

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



4FA674



6297DF



D97C6D

Complementary

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



4FA674



A64F81

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.



DB7791



4FA674



A089D3

Square

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



4FA674



00A2D8



C87CB6



C68852

Rectangle

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



4FA674



00A8B3



C87CB6



DC7978

Sweetspot

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



4FA674



B6D9C5



82A64F



596E62



EDEDED



6E6E6E

Same Dimension

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



4FA674



50D98A



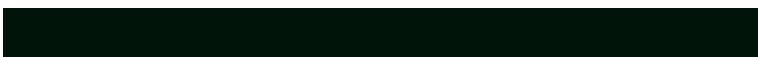
4FA69F



4C544F



00943F



001409

Inverse Universe

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



A64F81



D9509F



A64F56



544C51



940055



14000C

Previews

White Background



This preview shows how the Hex color 4FA674 looks on a white background.

Color Contrast Check

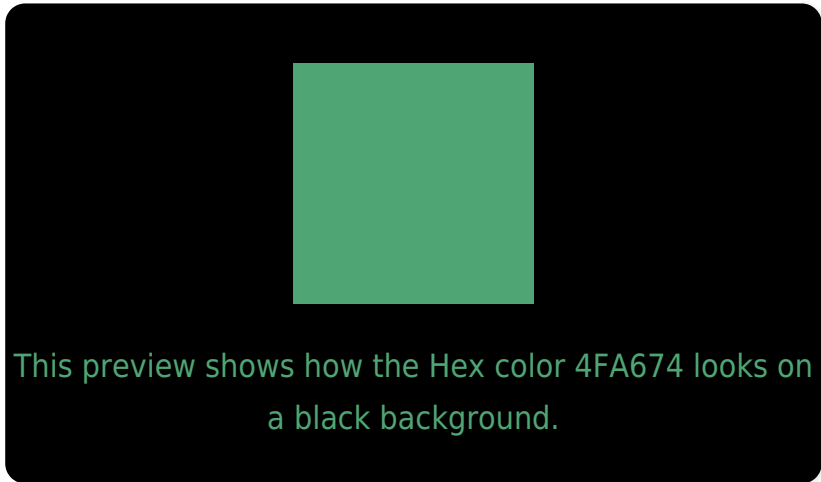
Large Text (above 18pt) WCAG AA × Fail

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

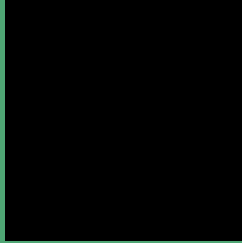
Any Text WCAG AA ✓ Pass

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 4FA674 Background



This preview shows how black text looks on a background with the Hex color 4FA674.

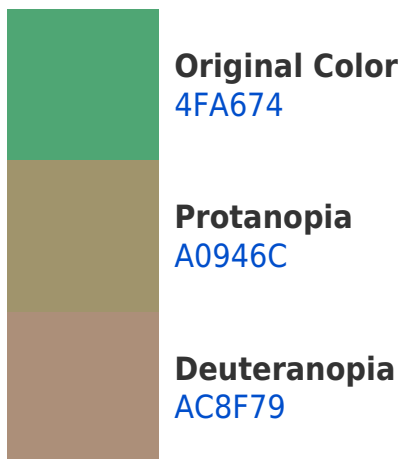


This preview shows how white text looks on a background with the Hex color 4FA674.

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
5E9FAC

Trichromacy



Original Color

4FA674



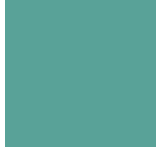
Protanomaly

839B6F



Deuteranomaly

8A9777



Tritanomaly

59A298

Monochromacy



Original Color

4FA674



Achromatopsia

868686



Achromatomaly

72927F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FA674 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 #4FA674 looks like.

```
.text, #text, p{  
    color:#4FA674  
}
```

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 #4FA674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA674
}
```

Border

The CSS property to change the border of an element to Hex 4FA674 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
#4FA674 }
```

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

```
.border{ border-color:#4FA674 }
```

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

Here you see how a box with a 4 pixel #4FA674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA674; -webkit-box-shadow:4px 4px  
4px 4px #4FA674; box-shadow:4px 4px 4px  
4px #4FA674 }
```

Background

The CSS property to change the background color of an element to Hex 4FA674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA674 }
```

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

```
.background{ background-color:#4FA674 }
```

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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