

# Converting Colors

Hex(4F916A)

Have a look what the booklet for  
Hex(4F916A) contains.

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# Color

**Hex(4F916A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F916A
RGB	79, 145, 106
RGB Percent	31%, 57%, 42%
CMY	0.6902, 0.4314, 0.5843
CMYK	0.46, 0.00, 0.27, 0.43
HSL	145°, 29%, 44%
HSV	145°, 46%, 57%
XYZ	15.9514, 22.9537, 17.2254
YIQ	120.8200, -26.8170, -26.1210

# Conversions

## Conversions Part 2

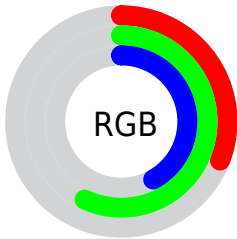
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 126, 145
Decimal	5214570
CIELab	55.02, -30.34, 14.29
CIELCh	55, 33.539, 154.785
Yxy	22.9537, 0.2842, 0.4089
Android (android.graphics.Color)	4283404650 (0xFF4F916A)
YUV	120.8200, -7.3063, -36.6761
Hunter-Lab	47.9100, -24.4119, 12.2200

# Details

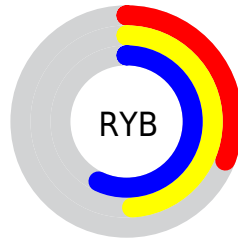
The Hex color **4F916A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **914F76**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **84C79D**, and **195E3B** is the 20% darker color. If you saturate the color by 10%, you get **419161**, and if you desaturate by 10%, it is **5E9173**.

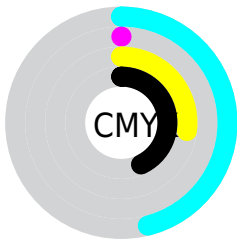
# Distribution



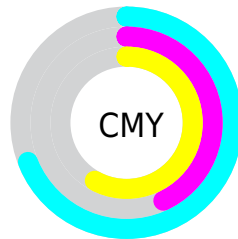
- Red (31%)
- Green (57%)
- Blue (42%)



- Red (31%)
- Yellow (49%)
- Blue (57%)



- Cyan (46%)
- Magenta (0%)
- Yellow (27%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F916A 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 4F916A by changing the saturation by 10% instead.





4F916A



4F916A

FFFFFF



357752



84C79D



195E3B



9FE4B8



004625



BAFFD4



002F10



D7FFF0



001A00



F4FFFF



000000



4F916A



4F916A



419161



5E9173



329159



6C917B

■ 239150

■ 7B9184

■ 159148

■ 89918C

■ 06913F

■ 989195

■ 00913B

■ A6919D

■ B591A6

■ C391AF

■ D291B7

# Harmonies

## Analogous

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



738C53



4F916A



1F9388

# Triad

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



4F916A



6085BD



B97064

# Complementary

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



4F916A



914F76

# 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.



BB6D80



4F916A



8D7AB3

# Square

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



4F916A



248DB8



AC719D



AB7950

# Rectangle

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



4F916A



00939B



AC719D



BC6E6D



# Sweetspot

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



4F916A



A2BDAD



77914F



4E5E55



DEDEDE



5E5E5E



# Same Dimension

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



4F916A



55BD7F



4F918A



404743



008737



000803



# Inverse Universe

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



914F76



BD5592



914F56



474044



870050



080005



# Previews

## White Background



This preview shows how the Hex color 4F916A looks on a white background.

## Color Contrast Check

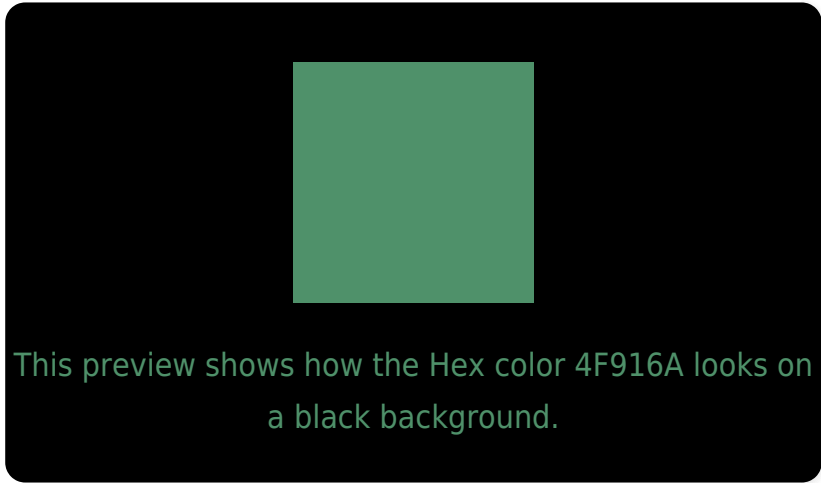
Large Text (above 18pt) WCAG AA ✓ Pass

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

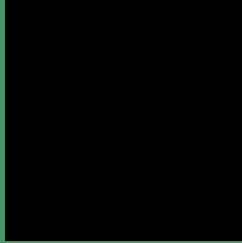
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4F916A Background



This preview shows how black text looks on a background with the Hex color 4F916A.



This preview shows how white text looks on a background with the Hex color 4F916A.

# 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](#).

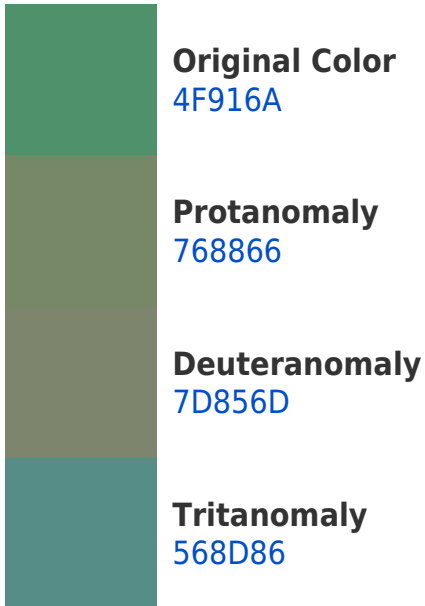
## Dichromacy



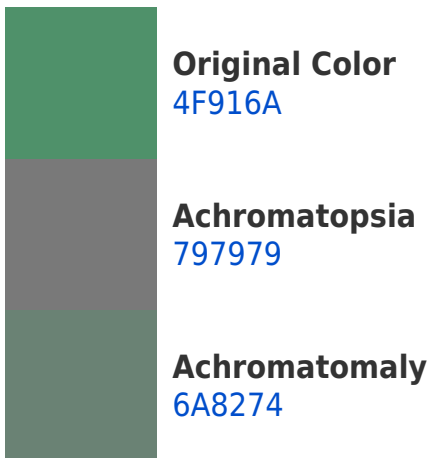


**Tritanopia**  
5A8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F916A 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 #4F916A looks like.

```
.text, #text, p{  
    color:#4F916A  
}
```

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 #4F916A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F916A
}
```

## Border

The CSS property to change the border of an element to Hex 4F916A 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
#4F916A }
```

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

```
.border{ border-color:#4F916A }
```

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

Here you see how a box with a 4 pixel #4F916A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F916A; -webkit-box-shadow:4px 4px  
4px 4px #4F916A; box-shadow:4px 4px 4px  
4px #4F916A }
```

# Background

The CSS property to change the background color of an element to Hex 4F916A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F916A }
```

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

```
.background{ background-color:#4F916A }
```

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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