

# Converting Colors

Hex(46904F)

Have a look what the booklet for  
Hex(46904F) contains.

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# Color

Hex(46904F)

# Conversions

## Conversions Part 1

Format	Color
Hex	46904F
RGB	70, 144, 79
RGB Percent	27%, 56%, 31%
CMY	0.7255, 0.4353, 0.6902
CMYK	0.51, 0.00, 0.45, 0.44
HSL	127°, 35%, 42%
HSV	127°, 51%, 56%
XYZ	13.9103, 21.8131, 10.8743
YIQ	114.4640, -23.2390, -35.9030

# Conversions

## Conversions Part 2

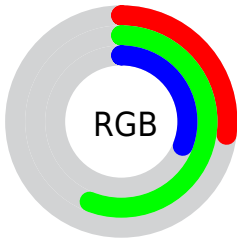
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 136, 144
Decimal	4624463
CIELab	53.83, -37.49, 27.60
CIELCh	54, 46.555, 143.638
Yxy	21.8131, 0.2985, 0.4681
Android (android.graphics.Color)	4282814543 (0xFF46904F)
YUV	114.4640, -17.4838, -38.9949
Hunter-Lab	46.7045, -28.5690, 18.8885

# Details

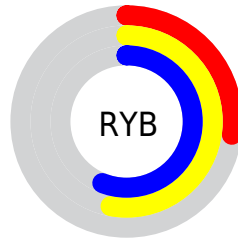
The Hex color **46904F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **904687**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7CC681**, and **075D20** is the 20% darker color. If you saturate the color by 10%, you get **389042**, and if you desaturate by 10%, it is **54905C**.

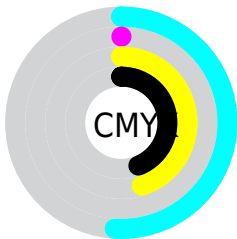
# Distribution



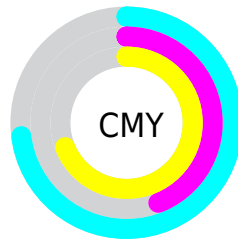
- Red (27%)
- Green (56%)
- Blue (31%)



- Red (27%)
- Yellow (53%)
- Blue (56%)



- Cyan (51%)
- Magenta (0%)
- Yellow (45%)
- Black (44%)



- Cyan (73%)
- Magenta (44%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 46904F 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 46904F by changing the saturation by 10% instead.





46904F



46904F

FFFFFF



2A7637



7CC681



075D20



97E39B



004409



B3FFB7



002D00



CFFFD2



001600



ECFFE7



000000



46904F



46904F



389042



54905C




299036



639068

 1B9029

 719075

 0C901C

 809082

 009012

 8E908E

 9C909B

 AB90A8

 B990B4

 C890C1

# Harmonies

## Analogous

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



788833



46904F



009476

# Triad

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



46904F



0088D0



CA6063

# Complementary

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



46904F



904687

# 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.



C65E8B



46904F



747ACA

# Square

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



46904F



0090C1



AA69B1



BC6C41

# Rectangle

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



46904F



009592



AA69B1



CB5E70



# Sweetspot

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



46904F



9EBAA2



879046



4D5E4F



DEDEDE



5E5E5E



# Same Dimension

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



46904F



47BA55



469074



404741



008710



000801



# Inverse Universe

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



904687



BA47AC



904662



474047



870077



080007



# Previews

## White Background



This preview shows how the Hex color 46904F looks on a white background.

## Color Contrast Check

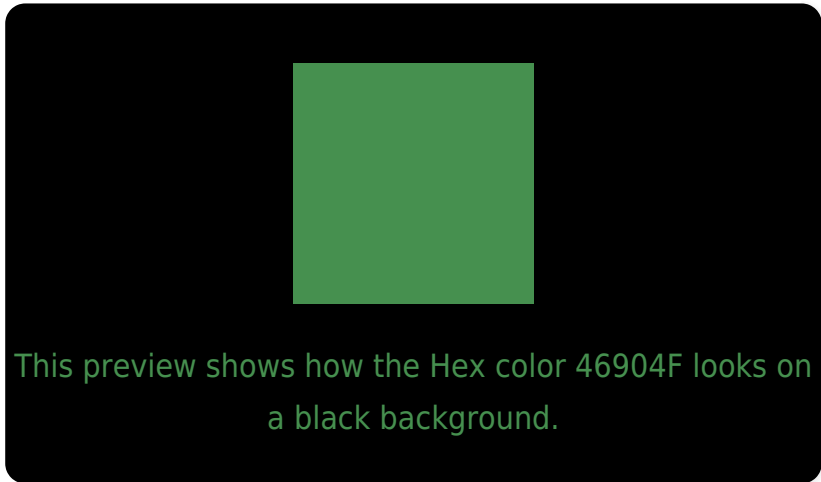
Large Text (above 18pt) WCAG AA ✓ Pass

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

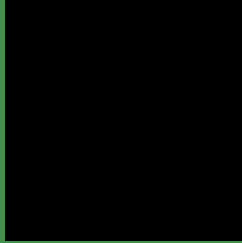
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 46904F Background



This preview shows how black text looks on a background with the Hex color 46904F.



This preview shows how white text looks on a background with the Hex color 46904F.

# 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](#).

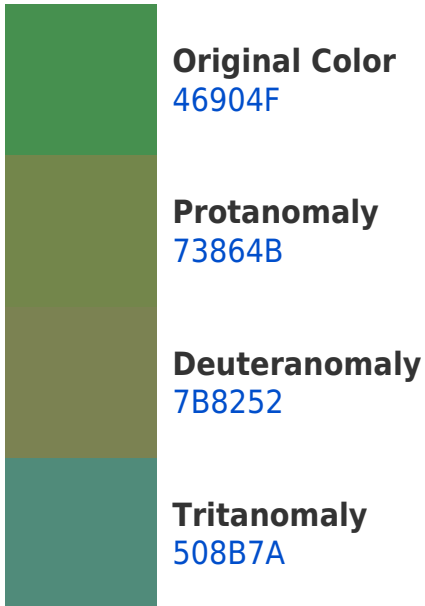
## Dichromacy



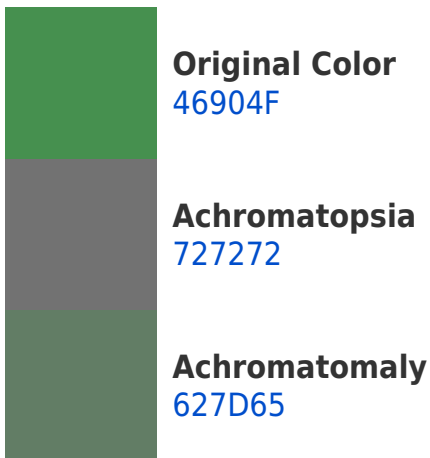


**Tritanopia**  
568893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 46904F 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 #46904F looks like.

```
.text, #text, p{  
    color:#46904F  
}
```

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 #46904F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46904F
}
```

## Border

The CSS property to change the border of an element to Hex 46904F 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
#46904F }
```

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

```
.border{ border-color:#46904F }
```

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

Here you see how a box with a 4 pixel #46904F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46904F; -webkit-box-shadow:4px 4px  
4px 4px #46904F; box-shadow:4px 4px 4px  
4px #46904F }
```

# Background

The CSS property to change the background color of an element to Hex 46904F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46904F }
```

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

```
.background{ background-color:#46904F }
```

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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