

# Converting Colors

Hex(6E964F)

Have a look what the booklet for  
Hex(6E964F) contains.

<b>Hex(6E964F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(6E964F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E964F
RGB	110, 150, 79
RGB Percent	43%, 59%, 31%
CMY	0.5686, 0.4118, 0.6902
CMYK	0.27, 0.00, 0.47, 0.41
HSL	94°, 31%, 45%
HSV	94°, 47%, 59%
XYZ	18.7480, 25.6922, 11.3681
YIQ	129.9460, -1.0490, -30.5610

# Conversions

## Conversions Part 2

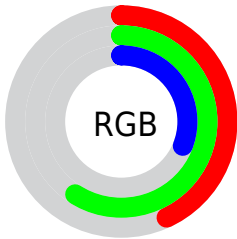
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 150, 119
Decimal	7247439
CIELab	57.74, -26.81, 32.97
CIELCh	58, 42.491, 129.113
Yxy	25.6922, 0.3359, 0.4604
Android (android.graphics.Color)	4285437519 (0xFF6E964F)
YUV	129.9460, -25.1164, -17.4926
Hunter-Lab	50.6875, -22.6804, 22.1838

# Details

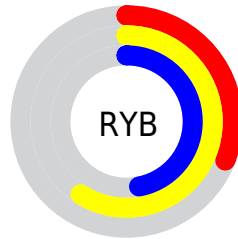
The Hex color **6E964F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **774F96**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A3CC82**, and **3C631F** is the 20% darker color. If you saturate the color by 10%, you get **669640**, and if you desaturate by 10%, it is **76965E**.

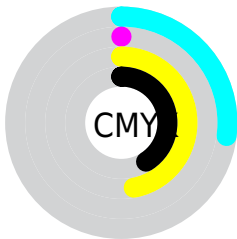
# Distribution



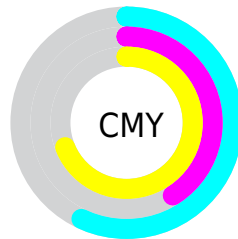
- Red (43%)
- Green (59%)
- Blue (31%)



- Red (31%)
- Yellow (59%)
- Blue (47%)



- Cyan (27%)
- Magenta (0%)
- Yellow (47%)
- Black (41%)



- Cyan (57%)
- Magenta (41%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E964F 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 6E964F by changing the saturation by 10% instead.





6E964F



6E964F

FFFFFF



547C37



A3CC82



3C631F



BFE99C



234B06



DBFFB7



0B3400



F8FFD3



002000



FFFFFF0



000000



6E964F



6E964F



669640



76965E



5D9631



7F966D

■ 559622

■ 87967C

■ 4C9613

■ 90968B

■ 449604

■ 98969A

■ 419600

■ A196A9

■ A996B8

■ B296C7

■ BA96D6

# Harmonies

## Analogous

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



968C3F



6E964F



389C6F

# Triad

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



6E964F



0096D0



D16C81

# Complementary

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



6E964F



774F96

# 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.



C170A6



6E964F



618BD4

# Square

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



6E964F



009CB9



9D7DC5



CB725E

# Rectangle

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



6E964F



009D88



9D7DC5



CE6C8D



# Sweetspot

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



6E964F



B3C2A7



96764F



586150



E0E0E0



616161



# Same Dimension

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



6E964F



84C253



4F9653



464A43



3C8A00



040A00



# Inverse Universe

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



774F96



9253C2



964F92



47434A



4E008A



06000A



# Previews

## White Background



This preview shows how the Hex color 6E964F looks on a white background.

## Color Contrast Check

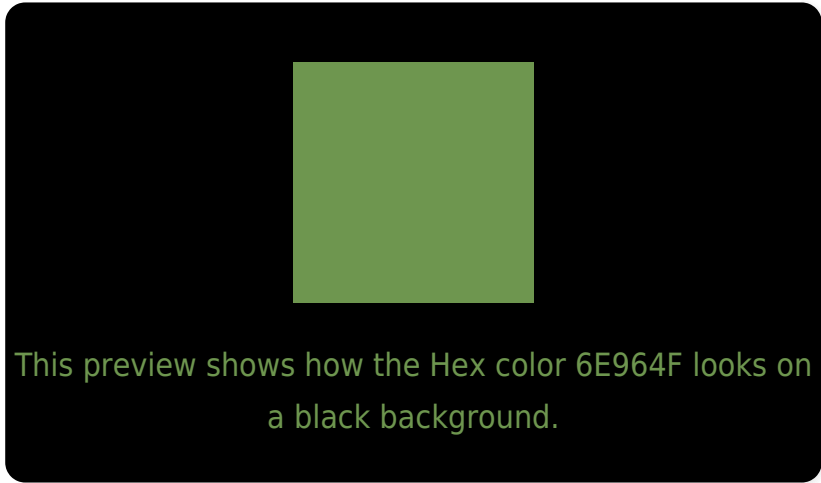
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E964F Background



This preview shows how black text looks on a background with the Hex color 6E964F.



This preview shows how white text looks on a background with the Hex color 6E964F.

# 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



**Original Color**  
6E964F

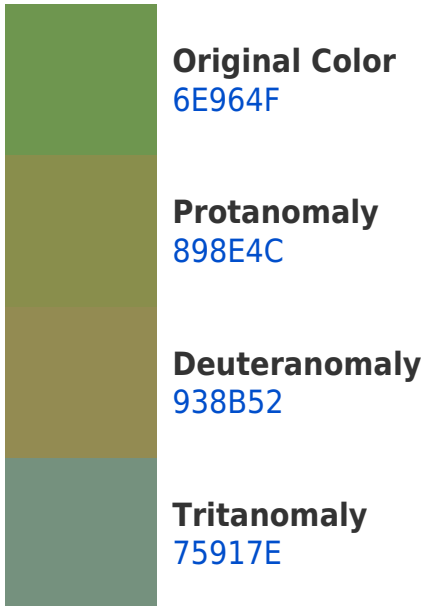
**Protanopia**  
988A4B

**Deuteranopia**  
A88453

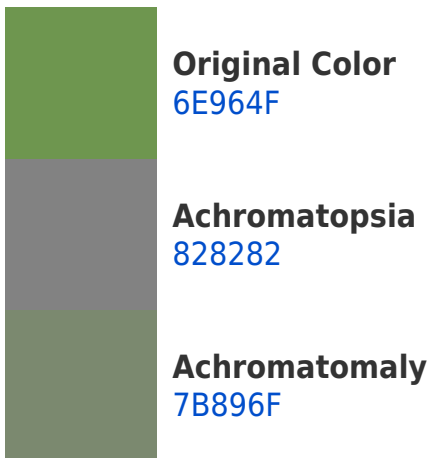


**Tritanopia**  
798E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E964F 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 #6E964F looks like.

```
.text, #text, p{  
    color:#6E964F  
}
```

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 #6E964F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E964F
}
```

## Border

The CSS property to change the border of an element to Hex 6E964F 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
#6E964F }
```

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

```
.border{ border-color:#6E964F }
```

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

Here you see how a box with a 4 pixel #6E964F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E964F; -webkit-box-shadow:4px 4px  
4px 4px #6E964F; box-shadow:4px 4px 4px  
4px #6E964F }
```

# Background

The CSS property to change the background color of an element to Hex 6E964F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E964F }
```

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

```
.background{ background-color:#6E964F }
```

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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