

# Converting Colors

Hex(6E9F50)

Have a look what the booklet for  
Hex(6E9F50) contains.

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# Color

**Hex(6E9F50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E9F50
RGB	110, 159, 80
RGB Percent	43%, 62%, 31%
CMY	0.5686, 0.3765, 0.6863
CMYK	0.31, 0.00, 0.50, 0.38
HSL	97°, 33%, 47%
HSV	97°, 50%, 62%
XYZ	20.2765, 28.6905, 12.0585
YIQ	135.3430, -3.8450, -34.9570

# Conversions

## Conversions Part 2

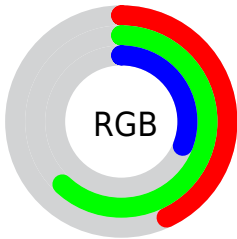
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 159, 129
Decimal	7249744
CIELab	60.51, -31.01, 35.86
CIELCh	61, 47.414, 130.852
Yxy	28.6905, 0.3323, 0.4701
Android (android.graphics.Color)	4285439824 (0xFF6E9F50)
YUV	135.3430, -27.2841, -22.2258
Hunter-Lab	53.5635, -26.1647, 24.1467

# Details

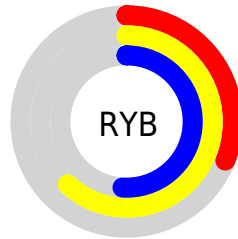
The Hex color **6E9F50** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **81509F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A4D683**, and **3B6B1F** is the 20% darker color. If you saturate the color by 10%, you get **649F40**, and if you desaturate by 10%, it is **789F60**.

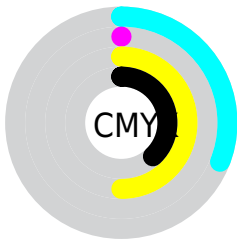
# Distribution



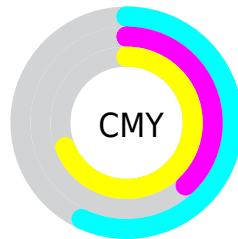
- Red (43%)
- Green (62%)
- Blue (31%)



- Red (31%)
- Yellow (62%)
- Blue (51%)



- Cyan (31%)
- Magenta (0%)
- Yellow (50%)
- Black (38%)



- Cyan (57%)
- Magenta (38%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E9F50 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 6E9F50 by changing the saturation by 10% instead.





6E9F50



6E9F50

FFFFFF



548538



A4D683



3B6B1F



BFF39D



215305



DCFFB9



063B00



F9FFD5



002600



FFFFFF1



000300



000000



6E9F50



6E9F50



649F40



789F60

 5A9F30

 829F70

 509F20

 8C9F80

 479F10

 959F90

 3D9F00

 9F9FA0

 3C9F00

 A99FAF

 B39FBF

 BD9FCF

 C79FDF

# Harmonies

## Analogous

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



9C953C



6E9F50



29A575

# Triad

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



6E9F50



009EE0



E06E84

# Complementary

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



6E9F50



81509F

# 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.



D172AE



6E9F50



6591E4

# Square

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



6E9F50



00A5C8



A981D1



D9775D

# Rectangle

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



6E9F50



00A792



A981D1



DE6E92



# Sweetspot

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



6E9F50



BBCFB0



9F8150



5D6956



E8E8E8



696969



# Same Dimension

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



6E9F50



82CF53



509F59



4A4F47



368F00



060F00



# Inverse Universe

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



81509F



9F53CF



9F5096



4C474F



59008F



09000F



# Previews

## White Background



This preview shows how the Hex color 6E9F50 looks on a white background.

## Color Contrast Check

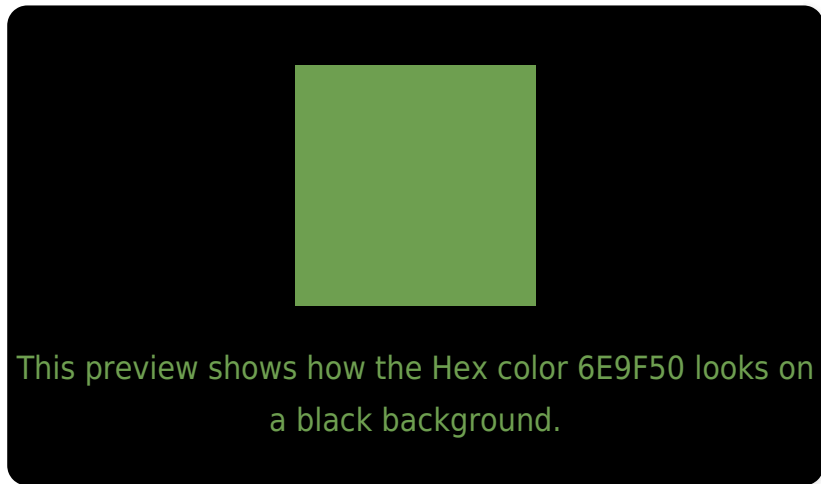
Large Text (above 18pt) WCAG AA ✓ Pass

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

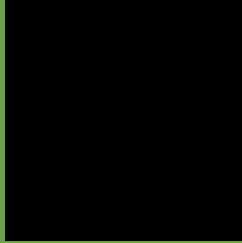
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6E9F50 Background



This preview shows how black text looks on a background with the Hex color 6E9F50.



This preview shows how white text looks on a background with the Hex color 6E9F50.

# 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**  
7B96A2

# Trichromacy



**Original Color**  
6E9F50

**Protanomaly**  
8E964D

**Deuteranomaly**  
999253

**Tritanomaly**  
769984

# Monochromacy



**Original Color**  
6E9F50

**Achromatopsia**  
878787

**Achromatomaly**  
7E9073

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E9F50 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 #6E9F50 looks like.

```
.text, #text, p{  
    color:#6E9F50  
}
```

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 #6E9F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9F50
}
```

## Border

The CSS property to change the border of an element to Hex 6E9F50 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
#6E9F50 }
```

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

```
.border{ border-color:#6E9F50 }
```

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

Here you see how a box with a 4 pixel #6E9F50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9F50; -webkit-box-shadow:4px 4px  
4px 4px #6E9F50; box-shadow:4px 4px 4px  
4px #6E9F50 }
```

# Background

The CSS property to change the background color of an element to Hex 6E9F50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9F50 }
```

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

```
.background{ background-color:#6E9F50 }
```

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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