

# Converting Colors

Hex(6E9564)

Have a look what the booklet for  
Hex(6E9564) contains.

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# Color

**Hex(6E9564)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E9564
RGB	110, 149, 100
RGB Percent	43%, 58%, 39%
CMY	0.5686, 0.4157, 0.6078
CMYK	0.26, 0.00, 0.33, 0.42
HSL	108°, 20%, 49%
HSV	108°, 33%, 58%
XYZ	19.4781, 25.7300, 15.9964
YIQ	131.7530, -7.5150, -23.5070

# Conversions

## Conversions Part 2

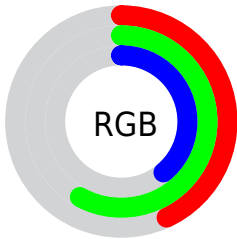
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 149, 139
Decimal	7247204
CIELab	57.78, -23.23, 21.67
CIElCh	58, 31.772, 136.985
Yxy	25.7300, 0.3182, 0.4204
Android (android.graphics.Color)	4285437284 (0xFF6E9564)
YUV	131.7530, -15.6542, -19.0774
Hunter-Lab	50.7247, -20.2250, 16.8098

# Details

The Hex color **6E9564** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B6495**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A3CB97**, and **3D6235** is the 20% darker color. If you saturate the color by 10%, you get **629555**, and if you desaturate by 10%, it is **7A9573**.

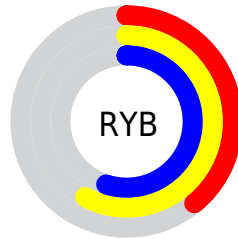
# Distribution



Red (43%)

Green (58%)

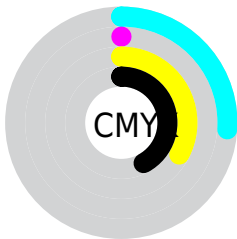
Blue (39%)



Red (39%)

Yellow (58%)

Blue (55%)

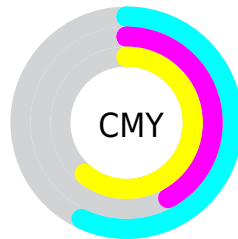


Cyan (26%)

Magenta (0%)

Yellow (33%)

Black (42%)



Cyan (57%)

Magenta (42%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E9564 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 6E9564 by changing the saturation by 10% instead.





6E9564



6E9564

FFFFFF



557B4C



A3CB97



3D6235



BEE8B2



254A1F



DAFFCE



0D3308



F7FFEA



001F00



000000



6E9564



6E9564



629555



7A9573



569546



869582

 4A9537

 929591

 3F9528

 9D95A0

 33951A

 A995AF

 27950B

 B595BD

 1E9500

 C195CC

 CD95DB

 D995EA

# Harmonies

## Analogous

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



8D8E55



6E9564



4B997D

# Triad

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



6E9564



4E91C0



C1767C

# Complementary

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



6E9564



8B6495

# 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.



B97798



6E9564



7C88C0

# Square

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



6E9564



2097B3



A27EB1



BB7C63

# Rectangle

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



6E9564



319A91



A27EB1



C07585



# Sweetspot

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



6E9564



B2C2AE



958A64



586155



E0E0E0



616161



# Same Dimension

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



6E9564



86C276



649572



444A43



1C8A00



020A00



# Inverse Universe

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



8B6495



B276C2



956487



48434A



6E008A



08000A



# Previews

## White Background



This preview shows how the Hex color 6E9564 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 6E9564 Background



This preview shows how black text looks on a background with the Hex color 6E9564.

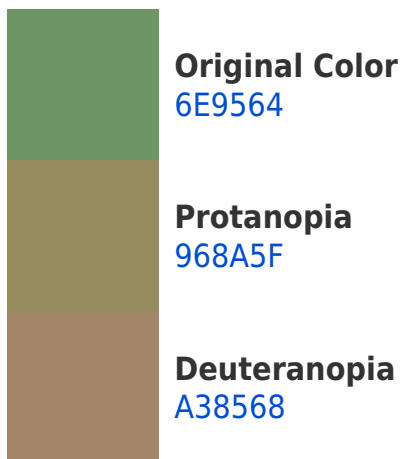


This preview shows how white text looks on a background with the Hex color 6E9564.

# 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**  
778E9A

# Trichromacy



**Original Color**  
6E9564

**Protanomaly**  
878E61

**Deuteranomaly**  
908B67

**Tritanomaly**  
749186

# Monochromacy



**Original Color**  
6E9564

**Achromatopsia**  
848484

**Achromatomaly**  
7C8A78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E9564 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 #6E9564 looks like.

```
.text, #text, p{  
    color:#6E9564  
}
```

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 #6E9564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9564
}
```

## Border

The CSS property to change the border of an element to Hex 6E9564 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
#6E9564 }
```

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

```
.border{ border-color:#6E9564 }
```

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

Here you see how a box with a 4 pixel #6E9564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9564; -webkit-box-shadow:4px 4px  
4px 4px #6E9564; box-shadow:4px 4px 4px  
4px #6E9564 }
```

# Background

The CSS property to change the background color of an element to Hex 6E9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9564 }
```

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

```
.background{ background-color:#6E9564 }
```

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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