

# Converting Colors

Hex(6E8148)

Have a look what the booklet for  
Hex(6E8148) contains.

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**Color**

**Hex(6E8148)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E8148
RGB	110, 129, 72
RGB Percent	43%, 51%, 28%
CMY	0.5686, 0.4941, 0.7176
CMYK	0.15, 0.00, 0.44, 0.49
HSL	80°, 28%, 39%
HSV	80°, 44%, 51%
XYZ	15.4504, 19.4834, 9.0772
YIQ	116.8210, 6.9730, -21.7550

# Conversions

## Conversions Part 2

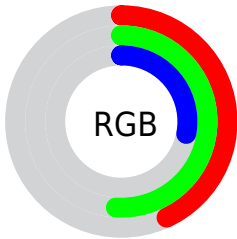
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 129, 91
Decimal	7242056
CIELab	51.25, -16.98, 28.58
CIELCh	51, 33.241, 120.724
Yxy	19.4834, 0.3511, 0.4427
Android (android.graphics.Color)	4285432136 (0xFF6E8148)
YUV	116.8210, -22.0968, -5.9820
Hunter-Lab	44.1400, -14.7645, 18.7052

# Details

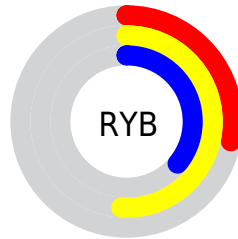
The Hex color **6E8148** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5B4881**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A3B67A**, and **3D501A** is the 20% darker color. If you saturate the color by 10%, you get **6A813B**, and if you desaturate by 10%, it is **728155**.

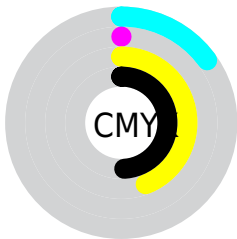
# Distribution



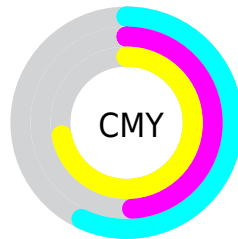
- Red (43%)
- Green (51%)
- Blue (28%)



- Red (28%)
- Yellow (51%)
- Blue (36%)



- Cyan (15%)
- Magenta (0%)
- Yellow (44%)
- Black (49%)



- Cyan (57%)
- Magenta (49%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E8148 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 6E8148 by changing the saturation by 10% instead.





6E8148



6E8148

FFFFFF



556831



A3B67A



3D501A



BED294



263901



DAEEAE



102300



F7FFCA



000900



FFFFE6



000000



6E8148



6E8148



6A813B



728155



65812E



778162

■ 618121

■ 7B816F

■ 5D8114

■ 7F817C

■ 598107

■ 848189

■ 568100

■ 888195

■ 8C81A2

■ 9081AF

■ 9581BC

# Harmonies

## Analogous

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



8B7940



6E8148



4B865D

# Triad

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



6E8148



0084AB



AF637B

# Complementary

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



6E8148



5B4881

# 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.



9E6896



6E8148



4F7DB3

# Square

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



6E8148



008896



7E72AB



AF665F

# Rectangle

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



6E8148



2E8870



7E72AB



AB6484



# Sweetspot

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



6E8148



A1A892



815B48



505447



D4D4D4



545454



# Same Dimension

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



6E8148



8BA84F



528148



3E4039



558000



000000



# Inverse Universe

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



5B4881



6D4FA8



784881



3C3940



2A0080



000000



# Previews

## White Background



This preview shows how the Hex color 6E8148 looks on a white background.

## Color Contrast Check

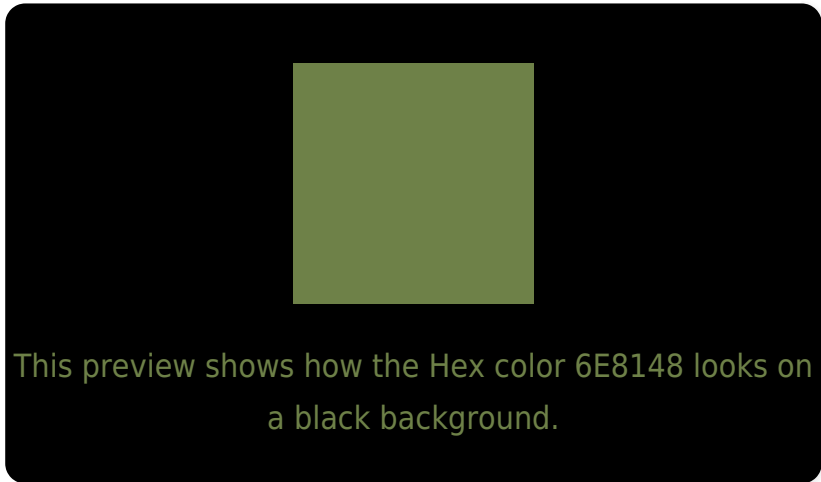
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E8148 Background



This preview shows how black text looks on a background with the Hex color 6E8148.



This preview shows how white text looks on a background with the Hex color 6E8148.

# 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**  
6E8148

**Protanopia**  
867A45

**Deuteranopia**  
93744B



**Tritanopia**  
767A84

# Trichromacy



**Original Color**  
6E8148

**Protanomaly**  
7D7D46

**Deuteranomaly**  
86794A

**Tritanomaly**  
737D6E

# Monochromacy



**Original Color**  
6E8148

**Achromatopsia**  
757575

**Achromatomaly**  
727965

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E8148 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 #6E8148 looks like.

```
.text, #text, p{  
    color:#6E8148  
}
```

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 #6E8148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8148
}
```

## Border

The CSS property to change the border of an element to Hex 6E8148 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
#6E8148 }
```

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

```
.border{ border-color:#6E8148 }
```

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

Here you see how a box with a 4 pixel #6E8148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8148; -webkit-box-shadow:4px 4px  
4px 4px #6E8148; box-shadow:4px 4px 4px  
4px #6E8148 }
```

# Background

The CSS property to change the background color of an element to Hex 6E8148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8148 }
```

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

```
.background{ background-color:#6E8148 }
```

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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