

# Converting Colors

Hex(6E8D58)

Have a look what the booklet for  
Hex(6E8D58) contains.

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# Color

**Hex(6E8D58)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E8D58
RGB	110, 141, 88
RGB Percent	43%, 55%, 35%
CMY	0.5686, 0.4471, 0.6549
CMYK	0.22, 0.00, 0.38, 0.45
HSL	95°, 23%, 45%
HSV	95°, 38%, 55%
XYZ	17.7167, 23.0693, 12.7516
YIQ	125.6890, -1.4630, -23.0550

# Conversions

## Conversions Part 2

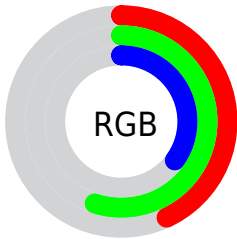
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 141, 119
Decimal	7245144
CIELab	55.14, -21.04, 24.81
CIELCh	55, 32.528, 130.293
Yxy	23.0693, 0.3309, 0.4309
Android (android.graphics.Color)	4285435224 (0xFF6E8D58)
YUV	125.6890, -18.5807, -13.7593
Hunter-Lab	48.0305, -18.2112, 17.8805

# Details

The Hex color **6E8D58** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **77588D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A2C38B**, and **3D5B29** is the 20% darker color. If you saturate the color by 10%, you get **668D4A**, and if you desaturate by 10%, it is **768D66**.

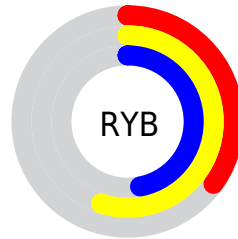
# Distribution



Red (43%)

Green (55%)

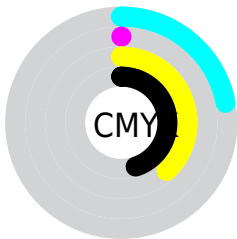
Blue (35%)



Red (35%)

Yellow (55%)

Blue (47%)

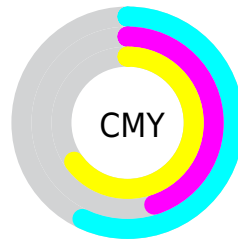


Cyan (22%)

Magenta (0%)

Yellow (38%)

Black (45%)



Cyan (57%)

Magenta (45%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E8D58 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 6E8D58 by changing the saturation by 10% instead.



 6E8D58

 6E8D58

FFFFFF

 557340

 A2C38B

 3D5B29

 BEDFA5

 254313

 DAFBC0

 112C00

 F7FFDC

 001A00

 FFFFF9

 000000

 6E8D58

 6E8D58

 668D4A

 768D66

 5E8D3C

 7E8D74

 558D2E

 878D82

 4D8D20

 8F8D90

 458D11

 978D9F

 3D8D03

 9F8DAD

 3B8D00

 A88DBB

 B08DC9

 B88DD7

# Harmonies

## Analogous

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



8D854C



6E8D58



4A9270

# Triad

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



6E8D58



378CB8



BB6E7B

# Complementary

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



6E8D58



77588D

# 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.



AF7098



6E8D58



6B84BB

# Square

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



6E8D58



0091A8



9479AF



B77361

# Rectangle

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



6E8D58



2E9383



9479AF



B86E85



# Sweetspot

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



6E8D58



ACB8A3



8D7758



555C50



DBDBDB



5C5C5C



# Same Dimension

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



6E8D58



87B865



588D5C



434740



388700



030800



# Inverse Universe

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



77588D



9565B8



8D5889



444047



4F0087



040008



# Previews

## White Background



This preview shows how the Hex color 6E8D58 looks on a white background.

## Color Contrast Check

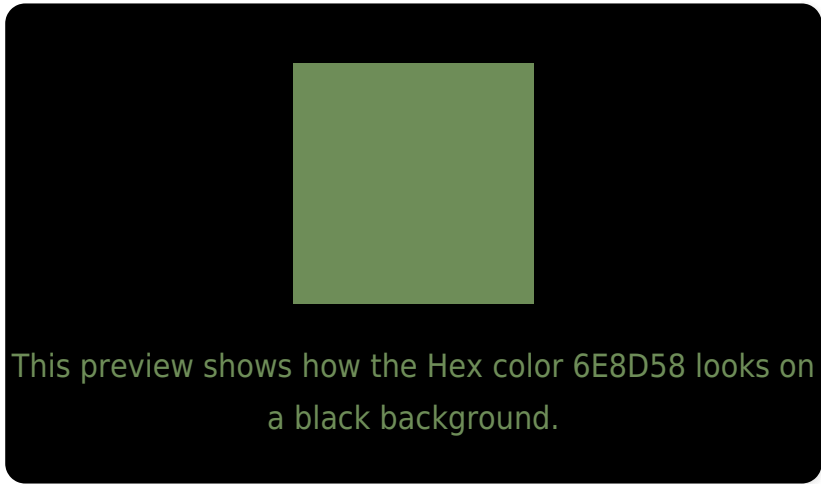
Large Text (above 18pt) WCAG AA ✓ Pass

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

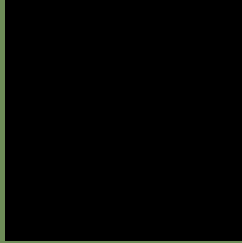
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6E8D58 Background



This preview shows how black text looks on a background with the Hex color 6E8D58.



This preview shows how white text looks on a background with the Hex color 6E8D58.

# 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**  
6E8D58

**Protanopia**  
8F8454

**Deuteranopia**  
9D7E5B



**Tritanopia**  
778691

# Trichromacy



**Original Color**  
6E8D58

**Protanomaly**  
838755

**Deuteranomaly**  
8C835A

**Tritanomaly**  
74897C

# Monochromacy



**Original Color**  
6E8D58

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
788370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E8D58 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 #6E8D58 looks like.

```
.text, #text, p{  
    color:#6E8D58  
}
```

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 #6E8D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8D58  
}
```

## Border

The CSS property to change the border of an element to Hex 6E8D58 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  
#6E8D58 }
```

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

```
.border{ border-color:#6E8D58 }
```

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

Here you see how a box with a 4 pixel #6E8D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8D58; -webkit-box-shadow:4px 4px  
4px 4px #6E8D58; box-shadow:4px 4px 4px  
4px #6E8D58 }
```

# Background

The CSS property to change the background color of an element to Hex 6E8D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8D58 }
```

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

```
.background{ background-color:#6E8D58 }
```

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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