

# Converting Colors

Hex(6C8E75)

Have a look what the booklet for  
Hex(6C8E75) contains.

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# Color

Hex(6C8E75)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C8E75
RGB	108, 142, 117
RGB Percent	42%, 56%, 46%
CMY	0.5765, 0.4431, 0.5412
CMYK	0.24, 0.00, 0.18, 0.44
HSL	136°, 14%, 49%
HSV	136°, 24%, 56%
XYZ	19.0682, 23.8185, 20.4221
YIQ	128.9840, -12.2390, -14.9830

# Conversions

## Conversions Part 2

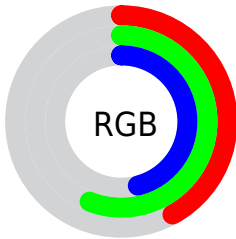
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 135, 142
Decimal	7114357
CIE <sub>Lab</sub>	55.91, -17.23, 9.49
CIE <sub>LCh</sub>	56, 19.676, 151.157
Yxy	23.8185, 0.3012, 0.3762
Android (android.graphics.Color)	4285304437 (0xFF6C8E75)
YUV	128.9840, -5.9081, -18.4030
Hunter-Lab	48.8042, -15.6658, 9.3531

# Details

The Hex color **6C8E75** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E6C85**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A0C4A9**, and **3C5C45** is the 20% darker color. If you saturate the color by 10%, you get **5E8E6B**, and if you desaturate by 10%, it is **7A8E7F**.

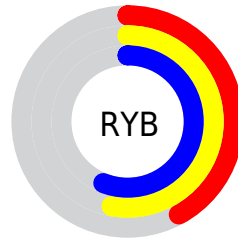
# Distribution



Red (42%)

Green (56%)

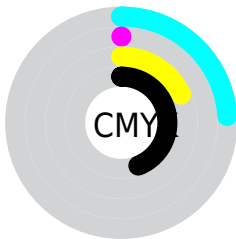
Blue (46%)



Red (42%)

Yellow (53%)

Blue (56%)

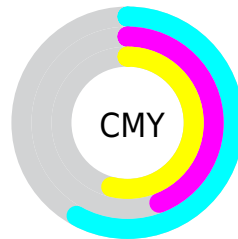


Cyan (24%)

Magenta (0%)

Yellow (18%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C8E75 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 6C8E75 by changing the saturation by 10% instead.





6C8E75



6C8E75

FFFFFF



53745C



A0C4A9



3C5C45



BBE0C4



25442E



D7FCE0



0E2D1A



F4FFFD



001A00



000000



6C8E75



6C8E75



5E8E6B



7A8E7F



508E60



888E8A

■ 418E56

■ 978E94

■ 338E4B

■ A58E9F

■ 258E41

■ B38EA9

■ 178E36

■ C18EB4

■ 098E2C

■ CF8EBE

■ 008E26

■ DE8EC9

■ EC8ED3

# Harmonies

## Analogous

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



808A68



6C8E75



5C9086

# Triad

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



6C8E75



7287A8



A87B75

# Complementary

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



6C8E75



8E6C85

# 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.



A77A86



6C8E75



8A81A3

# Square

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



6C8E75



5E8CA3



9D7C97



A17F69

# Rectangle

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



6C8E75



559092



9D7C97



A97A7A



# Sweetspot

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



6C8E75



ABB8AE



868E6C



545C56



DBDBDB



5C5C5C



# Same Dimension

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



6C8E75



82B890



6C8E86



404742



008724



000802



# Inverse Universe

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



8E6C85



B882AA



8E6C75



474046



870063



080006



# Previews

## White Background



This preview shows how the Hex color 6C8E75 looks on a white background.

## Color Contrast Check

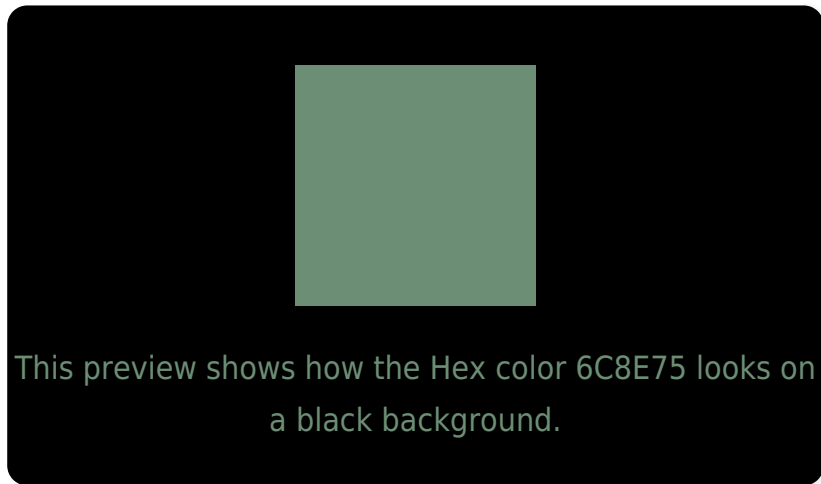
Large Text (above 18pt) WCAG AA ✓ Pass

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

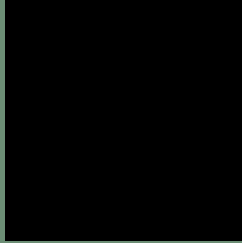
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C8E75 Background



This preview shows how black text looks on a background with the Hex color 6C8E75.



This preview shows how white text looks on a background with the Hex color 6C8E75.

# 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**  
6C8E75

**Protanopia**  
8D8571

**Deuteranopia**  
988178



**Tritanopia**  
728A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C8E75 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 #6C8E75 looks like.

```
.text, #text, p{  
    color:#6C8E75  
}
```

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 #6C8E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8E75  
}
```

## Border

The CSS property to change the border of an element to Hex 6C8E75 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  
#6C8E75 }
```

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

```
.border{ border-color:#6C8E75 }
```

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

Here you see how a box with a 4 pixel #6C8E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8E75; -webkit-box-shadow:4px 4px  
4px 4px #6C8E75; box-shadow:4px 4px 4px  
4px #6C8E75 }
```

# Background

The CSS property to change the background color of an element to Hex 6C8E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8E75 }
```

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

```
.background{ background-color:#6C8E75 }
```

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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