

# Converting Colors

Hex(6C5663)

Have a look what the booklet for  
Hex(6C5663) contains.

<b>Hex(6C5663)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(6C5663)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C5663
RGB	108, 86, 99
RGB Percent	42%, 34%, 39%
CMY	0.5765, 0.6627, 0.6118
CMYK	0.00, 0.20, 0.08, 0.58
HSL	325°, 11%, 38%
HSV	325°, 20%, 42%
XYZ	11.7643, 10.7446, 13.2582
YIQ	94.0600, 8.9390, 8.7070

# Conversions

## Conversions Part 2

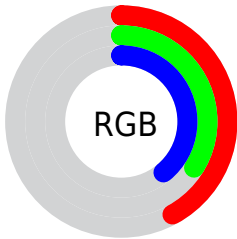
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 86, 99
Decimal	7100003
CIE Lab	39.15, 11.48, -4.05
CIE LCh	39, 12.171, 340.567
Yxy	10.7446, 0.3289, 0.3004
Android (android.graphics.Color)	4285290083 (0xFF6C5663)
YUV	94.0600, 2.4354, 12.2254
Hunter-Lab	32.7789, 6.7000, -1.0361

# Details

The Hex color **6C5663** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **566C5F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A08896**, and **3C2935** is the 20% darker color. If you saturate the color by 10%, you get **6C4B5F**, and if you desaturate by 10%, it is **6C6167**.

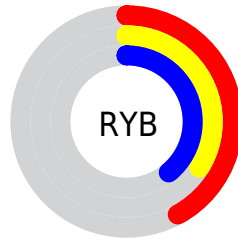
# Distribution



Red (42%)

Green (34%)

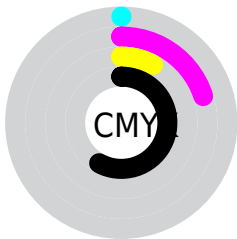
Blue (39%)



Red (42%)

Yellow (34%)

Blue (39%)

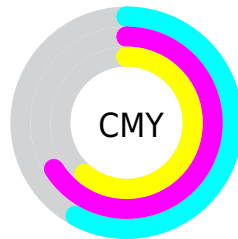


Cyan (0%)

Magenta (20%)

Yellow (8%)

Black (58%)



Cyan (58%)

Magenta (66%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C5663 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 6C5663 by changing the saturation by 10% instead.





6C5663



6C5663

FFFFFF



543F4B



A08896



3C2935



BBA2B0



26141F



D6BDCC



100007



F3D9E8



000000



FFF5FF



6C5663



6C5663



6C4B5F



6C6167



6C405A



6C6C6C

■ 6C3656

■ 6C7670

■ 6C2B51

■ 6C8175

■ 6C204D

■ 6C8C79

■ 6C1548

■ 6C977E

■ 6C0A44

■ 6CA282

■ 6C0040

■ 6CAC86

■ 6CB78B

# Harmonies

## Analogous

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



62596B



6C5663



715559

# Triad

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



6C5663



605D49



426169

# Complementary

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



6C5663



566C5F

# 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.



43625F



6C5663



55604D

# Square

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



6C5663



6A594A



4A6155



495F6F

# Rectangle

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



6C5663



715653



4A6155



416266



# Sweetspot

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



6C5663



8C8489



5F566C



474245



C7C7C7



474747



# Same Dimension

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



6C5663



8C6B7E



6C5658



363033



750045



F50091



# Inverse Universe

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



6C5663



8C6B7E



566C6A



363033



750045

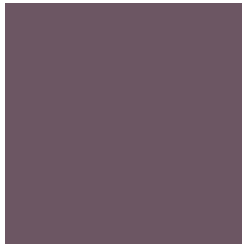


F50091



# Previews

## White Background



This preview shows how the Hex color 6C5663 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

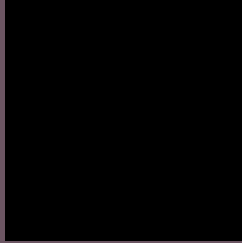
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C5663 Background



This preview shows how black text looks on a background with the Hex color 6C5663.



This preview shows how white text looks on a background with the Hex color 6C5663.

# 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**  
6C5663

**Protanopia**  
5B5C67

**Deuteranopia**  
635A62



**Tritanopia**  
6B575E

# Trichromacy



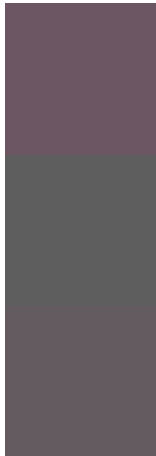
**Original Color**  
6C5663

**Protanomaly**  
615A66

**Deuteranomaly**  
665962

**Tritanomaly**  
6B5760

# Monochromacy



**Original Color**  
6C5663

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
635B60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C5663 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 #6C5663 looks like.

```
.text, #text, p{  
    color:#6C5663  
}
```

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 #6C5663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C5663  
}
```

## Border

The CSS property to change the border of an element to Hex 6C5663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

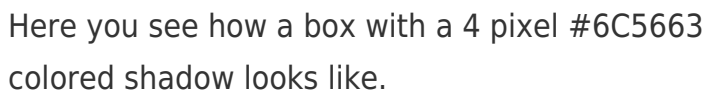
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6C5663 }
```

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

```
.border{ border-color:#6C5663 }
```

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



Here you see how a box with a 4 pixel #6C5663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C5663; -webkit-box-shadow:4px 4px  
4px 4px #6C5663; box-shadow:4px 4px 4px  
4px #6C5663 }
```

# Background

The CSS property to change the background color of an element to Hex 6C5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C5663 }
```

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

```
.background{ background-color:#6C5663 }
```

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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