

# Converting Colors

Hex(6C6966)

Have a look what the booklet for  
Hex(6C6966) contains.

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# Color

Hex(6C6966)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C6966
RGB	108, 105, 102
RGB Percent	42%, 41%, 40%
CMY	0.5765, 0.5882, 0.6000
CMYK	0.00, 0.03, 0.06, 0.58
HSL	30°, 3%, 41%
HSV	30°, 6%, 42%
XYZ	13.6342, 14.2506, 14.6024
YIQ	105.5550, 2.7510, -0.2970

# Conversions

## Conversions Part 2

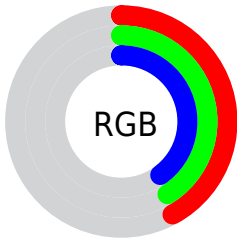
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 108, 102
Decimal	7104870
CIE Lab	44.59, 0.57, 2.09
CIE LCh	45, 2.170, 74.678
Yxy	14.2506, 0.3209, 0.3354
Android (android.graphics.Color)	4285294950 (0xFF6C6966)
YUV	105.5550, -1.7526, 2.1443
Hunter-Lab	37.7500, -1.5935, 3.4905

# Details

The Hex color **6C6966** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66696C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9F9C99**, and **3D3A37** is the 20% darker color. If you saturate the color by 10%, you get **6C645B**, and if you desaturate by 10%, it is **6C6E71**.

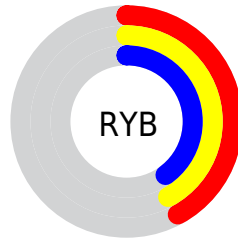
# Distribution



Red (42%)

Green (41%)

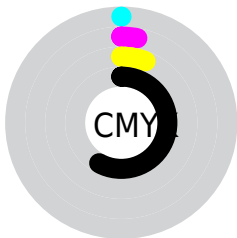
Blue (40%)



Red (42%)

Yellow (42%)

Blue (40%)

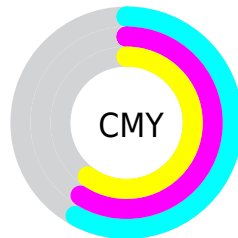


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (58%)



Cyan (58%)

Magenta (59%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C6966 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 6C6966 by changing the saturation by 10% instead.





6C6966



6C6966

FFFFFF



54514E



9F9C99



3D3A37



BAB7B4



272422



D6D3CF



120F0C



F2EFEB



000000



6C6966



6C6966



6C645B



6C6E71



6C5E50



6C747C



6C5946



6C7986

■ 6C533B

■ 6C7F91

■ 6C4E30

■ 6C849C

■ 6C4925

■ 6C89A7

■ 6C431A

■ 6C8FB2

■ 6C3E10

■ 6C94BC

■ 6C3805

■ 6C9AC7

# Harmonies

## Analogous

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



6D6967



6C6966



6A6A66

# Triad

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



6C6966



656B6A



6B696C

# Complementary

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



6C6966



66696C

# 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.



69696D



6C6966



656A6C

# Square

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



6C6966



666A68



676A6D



6D686A

# Rectangle

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



6C6966



696A66



676A6D



6A696C



# Sweetspot

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



6C6966



8C8B89



6C6669



474746



C7C7C7



474747



# Same Dimension

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



6C6966



8C8782



6C6C66



363331



753B00



F57A00



# Inverse Universe

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



66696C



82878C



66666C



313336



003B75



007AF5



# Previews

## White Background



This preview shows how the Hex color 6C6966 looks on a white background.

## Color Contrast Check

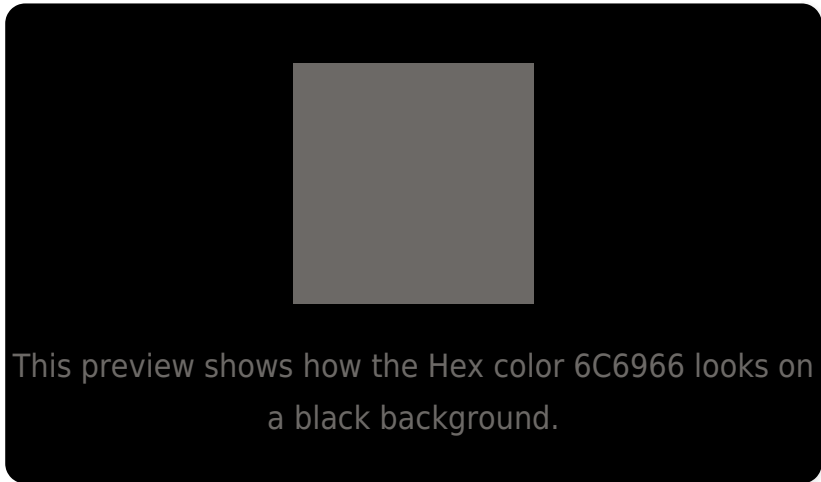
Large Text (above 18pt) WCAG AA ✓ Pass

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

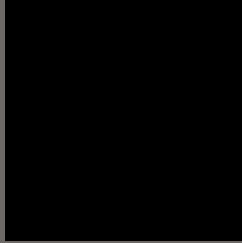
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

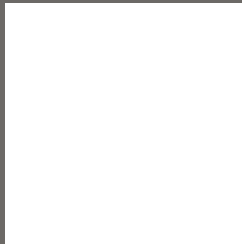
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C6966 Background



This preview shows how black text looks on a background with the Hex color 6C6966.



This preview shows how white text looks on a background with the Hex color 6C6966.

# 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**

6C6966

**Protanopia**

6C6966

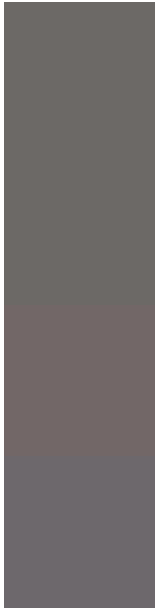
**Deuteranopia**

756667



**Tritanopia**  
6D6870

# Trichromacy



**Original Color**  
6C6966

**Protanomaly**  
6C6966

**Deuteranomaly**  
726767

**Tritanomaly**  
6D686C

# Monochromacy



**Original Color**  
6C6966

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6B6A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C6966 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 #6C6966 looks like.

```
.text, #text, p{  
    color:#6C6966  
}
```

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 #6C6966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6966
}
```

## Border

The CSS property to change the border of an element to Hex 6C6966 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
#6C6966 }
```

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

```
.border{ border-color:#6C6966 }
```

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

Here you see how a box with a 4 pixel #6C6966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6966; -webkit-box-shadow:4px 4px  
4px 4px #6C6966; box-shadow:4px 4px 4px  
4px #6C6966 }
```

# Background

The CSS property to change the background color of an element to Hex 6C6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6966 }
```

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

```
.background{ background-color:#6C6966 }
```

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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