

# Converting Colors

Hex(6C6363)

Have a look what the booklet for  
Hex(6C6363) contains.

<b>Hex(6C6363)</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(6C6363)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C6363
RGB	108, 99, 99
RGB Percent	42%, 39%, 39%
CMY	0.5765, 0.6118, 0.6118
CMYK	0.00, 0.08, 0.08, 0.58
HSL	0°, 4%, 41%
HSV	0°, 8%, 42%
XYZ	12.8983, 13.0127, 13.6363
YIQ	101.6910, 5.3640, 1.9080

# Conversions

## Conversions Part 2

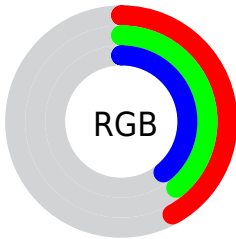
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 99, 99
Decimal	7103331
CIE Lab	42.78, 3.57, 1.29
CIE LCh	43, 3.794, 19.805
Yxy	13.0127, 0.3261, 0.3290
Android (android.graphics.Color)	4285293411 (0xFF6C6363)
YUV	101.6910, -1.3267, 5.5330
Hunter-Lab	36.0731, 0.6966, 2.8385

# Details

The Hex color **6C6363** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **636C6C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9F9696**, and **3D3535** is the 20% darker color. If you saturate the color by 10%, you get **6C5858**, and if you desaturate by 10%, it is **6C6E6E**.

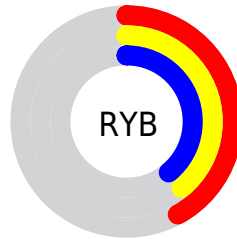
# Distribution



Red (42%)

Green (39%)

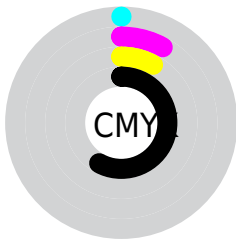
Blue (39%)



Red (42%)

Yellow (39%)

Blue (39%)

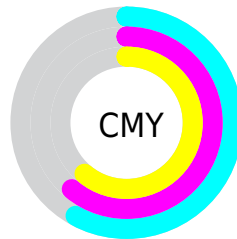


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (58%)



Cyan (58%)

Magenta (61%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C6363 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 6C6363 by changing the saturation by 10% instead.





6C6363



6C6363

FFFFFF



544B4B



9F9696



3D3535



BAB0B0



271F1F



D6CCCC



130707



F3E8E8



000000



6C6363



6C6363



6C5858



6C6E6E



6C4D4D



6C7979



6C4343



6C8383

 6C3838

 6C8E8E

 6C2D2D

 6C9999

 6C2222

 6CA4A4

 6C1717

 6CAFAF

 6C0D0D

 6CB9B9

 6C0202

 6CC4C4

# Harmonies

## Analogous

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



6B6366



6C6363



6B6460

# Triad

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



6C6363



626661



61666B

# Complementary

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



6C6363



636C6C

# 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.



5E666A



6C6363



5F6764

# Square

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



6C6363



65655F



5E6767



64656B

# Rectangle

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



6C6363



6A645F



5E6767



60666B



# Sweetspot

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



6C6363



8C8888



6C636C



474545



C7C7C7



474747



# Same Dimension

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



6C6363



8C7E7E



6C6863



363030



750000



F50000



# Inverse Universe

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



636C6C



7E8C8C



63686C



303636



007575



00F5F5



# Previews

## White Background



This preview shows how the Hex color 6C6363 looks on a white background.

## Color Contrast Check

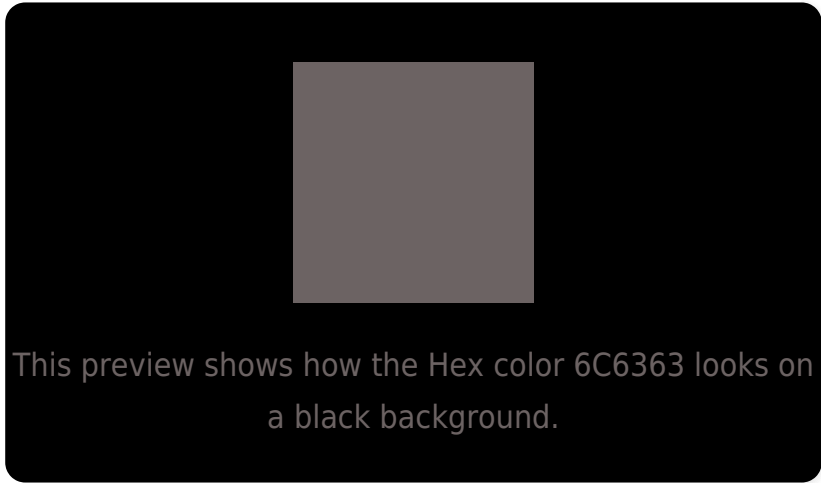
Large Text (above 18pt) WCAG AA ✓ Pass

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

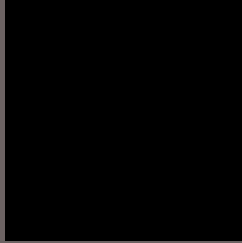
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C6363 Background



This preview shows how black text looks on a background with the Hex color 6C6363.



This preview shows how white text looks on a background with the Hex color 6C6363.

# 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**

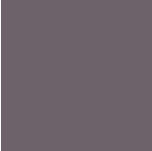
6C6363

**Protanopia**

676564

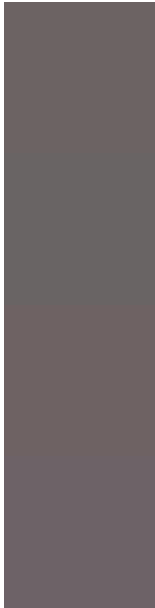
**Deuteranopia**

6F6263



**Tritanopia**  
6D626A

# Trichromacy



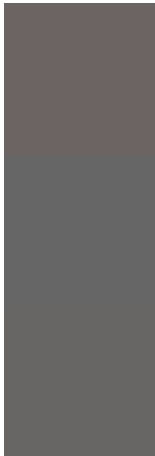
**Original Color**  
6C6363

**Protanomaly**  
696464

**Deuteranomaly**  
6E6263

**Tritanomaly**  
6D6267

# Monochromacy



**Original Color**  
6C6363

**Achromatopsia**  
666666

**Achromatomaly**  
686565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C6363 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 #6C6363 looks like.

```
.text, #text, p{  
    color:#6C6363  
}
```

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 #6C6363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6363
}
```

## Border

The CSS property to change the border of an element to Hex 6C6363 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".

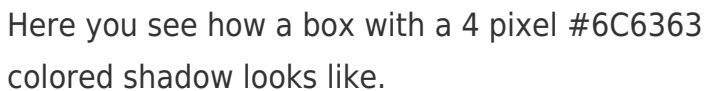
```
.border, #border, table{ border:4px solid
#6C6363 }
```

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

```
.border{ border-color:#6C6363 }
```

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

Here you see how a box with a 4 pixel #6C6363 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6363; -webkit-box-shadow:4px 4px  
4px 4px #6C6363; box-shadow:4px 4px 4px  
4px #6C6363 }
```

# Background

The CSS property to change the background color of an element to Hex 6C6363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6363 }
```

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

```
.background{ background-color:#6C6363 }
```

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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