

# Converting Colors

Hex(63636C)

Have a look what the booklet for  
Hex(63636C) contains.

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# Color

Hex(63636C)

# Conversions

## Conversions Part 1

Format	Color
Hex	63636C
RGB	99, 99, 108
RGB Percent	39%, 39%, 42%
CMY	0.6118, 0.6118, 0.5765
CMYK	0.08, 0.08, 0.00, 0.58
HSL	240°, 4%, 41%
HSV	240°, 8%, 42%
XYZ	12.3142, 12.6590, 15.9818
YIQ	100.0260, -2.8890, 2.7990

# Conversions

## Conversions Part 2

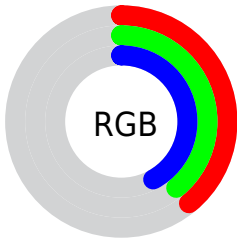
Format	Color
<b>RYB</b>	99, 99, 108
Decimal	6513516
CIELab	42.24, 1.95, -5.08
CIELCh	42, 5.438, 290.984
Yxy	12.6590, 0.3007, 0.3091
Android (android.graphics.Color)	4284703596 (0xFF63636C)
YUV	100.0260, 3.9312, -0.8998
Hunter-Lab	35.5795, -0.4847, -1.7264

# Details

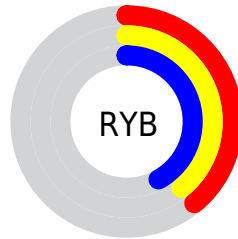
The Hex color **63636C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C6C63**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **96969F**, and **34353D** is the 20% darker color. If you saturate the color by 10%, you get **58586C**, and if you desaturate by 10%, it is **6E6E6C**.

# Distribution



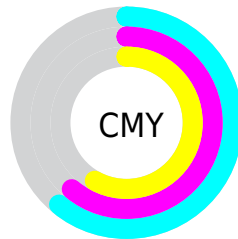
- Red (39%)
- Green (39%)
- Blue (42%)



- Red (39%)
- Yellow (39%)
- Blue (42%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (61%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63636C 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 63636C by changing the saturation by 10% instead.



■ 63636C

■ 63636C

FFFFFF

■ 4B4B54

■ 96969F

■ 34353D

■ B0B0BA

■ 1F1F27

■ CCCC66

■ 070712

■ E8E8F2

■ 000000

■ 63636C

■ 63636C

■ 58586C

■ 6E6E6C

■ 4D4D6C

■ 79796C

■ 43436C

■ 83836C

■ 38386C

■ 8E8E6C

■ 2D2D6C

■ 99996C

■ 22226C

■ A4A46C

■ 17176C

■ AF6F6C

■ 0D0D6C

■ B9B96C

■ 02026C

■ C4C46C

# Harmonies

## Analogous

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



5E646C



63636C



686269

# Triad

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



63636C



6C625D



5B6662

# Complementary

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



63636C



6C6C63

# 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.



5F665E



63636C



69635B

# Square

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



63636C



6E6161



64645B



596667

# Rectangle

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



63636C



6B6167



64645B



5C6661



# Sweetspot

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



63636C



88888C



636C6C



454547



C7C7C7



474747



# Same Dimension

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



63636C



7E7E8C



68636C



303036



000075



0000F5



# Inverse Universe

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



6C636C



8C7E8C



686C63



363036



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 63636C looks on a white background.

## Color Contrast Check

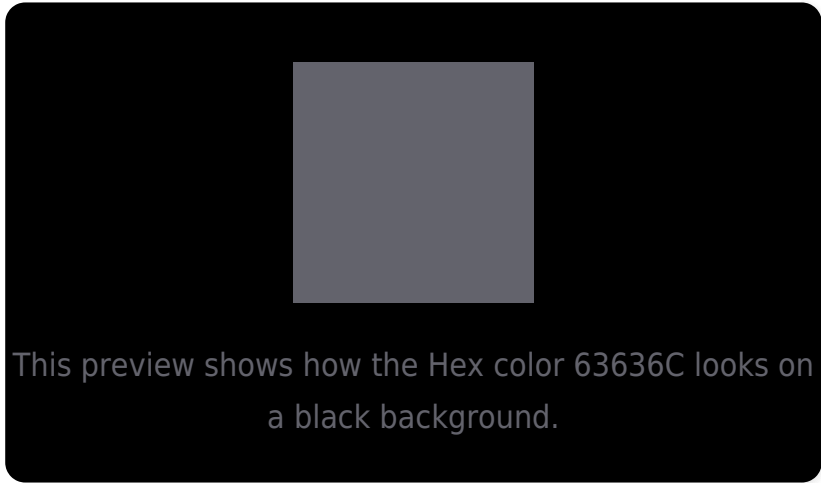
Large Text (above 18pt) WCAG AA ✓ Pass

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

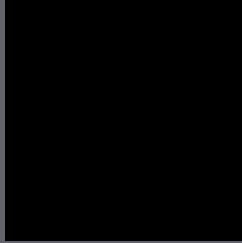
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

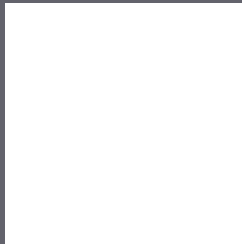
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63636C Background



This preview shows how black text looks on a background with the Hex color 63636C.



This preview shows how white text looks on a background with the Hex color 63636C.

# 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**  
63636C

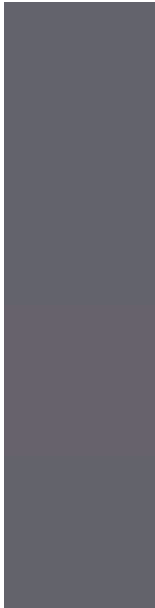
**Protanopia**  
63636C

**Deuteranopia**  
69616C



**Tritanopia**  
63636B

# Trichromacy



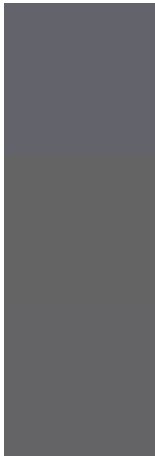
**Original Color**  
63636C

**Protanomaly**  
63636C

**Deuteranomaly**  
67626C

**Tritanomaly**  
63636B

# Monochromacy



**Original Color**  
63636C

**Achromatopsia**  
646464

**Achromatomaly**  
646467

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63636C 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 #63636C looks like.

```
.text, #text, p{  
    color:#63636C  
}
```

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 #63636C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63636C
}
```

## Border

The CSS property to change the border of an element to Hex 63636C is called "border". The border property can be set on classes, ids or directly on the HTML element.

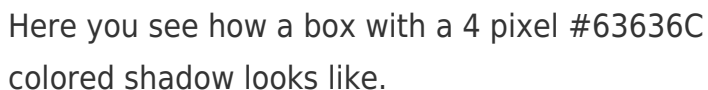
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63636C }
```

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

```
.border{ border-color:#63636C }
```

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



Here you see how a box with a 4 pixel #63636C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63636C; -webkit-box-shadow:4px 4px  
4px 4px #63636C; box-shadow:4px 4px 4px  
4px #63636C }
```

# Background

The CSS property to change the background color of an element to Hex 63636C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63636C }
```

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

```
.background{ background-color:#63636C }
```

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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