

# Converting Colors

Hex(63646F)

Have a look what the booklet for  
Hex(63646F) contains.

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# Color

**Hex(63646F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63646F
RGB	99, 100, 111
RGB Percent	39%, 39%, 44%
CMY	0.6118, 0.6078, 0.5647
CMYK	0.11, 0.10, 0.00, 0.56
HSL	235°, 6%, 41%
HSV	235°, 11%, 44%
XYZ	12.5720, 12.9147, 16.8691
YIQ	100.9550, -4.1270, 3.2090

# Conversions

## Conversions Part 2

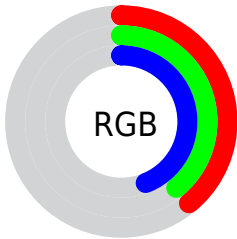
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 100, 111
Decimal	6513775
CIE <sub>Lab</sub>	42.63, 2.02, -6.32
CIE <sub>LCh</sub>	43, 6.639, 287.732
Yxy	12.9147, 0.2968, 0.3049
Android (android.graphics.Color)	4284703855 (0xFF63646F)
YUV	100.9550, 4.9522, -1.7145
Hunter-Lab	35.9370, -0.4443, -2.6752

# Details

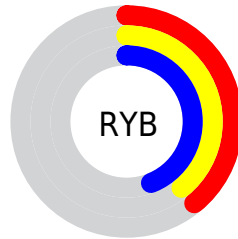
The Hex color **63646F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6E63**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9697A3**, and **34353F** is the 20% darker color. If you saturate the color by 10%, you get **585A6F**, and if you desaturate by 10%, it is **6E6E6F**.

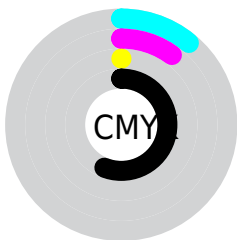
# Distribution



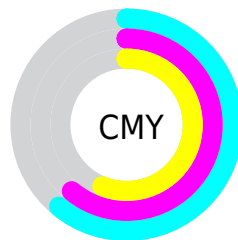
- Red (39%)
- Green (39%)
- Blue (44%)



- Red (39%)
- Yellow (39%)
- Blue (44%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (56%)



- Cyan (61%)
- Magenta (61%)
- Yellow (56%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63646F 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 63646F by changing the saturation by 10% instead.



■ 63646F

■ 63646F

FFFFFF

■ 4B4C57

■ 9697A3

■ 34353F

■ B0B1BE

■ 1F2029

■ CCCDD9

■ 080915

■ E8E9F6

■ 000000

■ 63646F

■ 63646F

■ 585A6F

■ 6E6E6F

■ 4D506F

■ 79786F

■ 42456F

■ 84836F

■ 373B6F

■ 8F8D6F

■ 2C316F

■ 9B976F

■ 20276F

■ A6A16F

■ 151D6F

■ B1AB6F

■ 0A136F

■ BCB56F

■ 00096F

■ C7C06F

# Harmonies

## Analogous

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



5C666F



63646F



6A626C

# Triad

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



63646F



6F625D



5A6862

# Complementary

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



63646F



6F6E63

# 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.



5F675D



63646F



6C645A

# Square

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



63646F



716162



66655A



576868

# Rectangle

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



63646F



6D6169



66655A



5C6860



# Sweetspot

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



63646F



8D8D91



636F6E



47474A



C9C9C9



4A4A4A



# Same Dimension

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



63646F



7E8091



68636F



323338



000A78



0015F7



# Inverse Universe

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



6F6364



917E80



6A6F63



383233



78000A

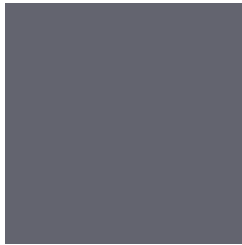


F70015



# Previews

## White Background



This preview shows how the Hex color 63646F looks on a white background.

## Color Contrast Check

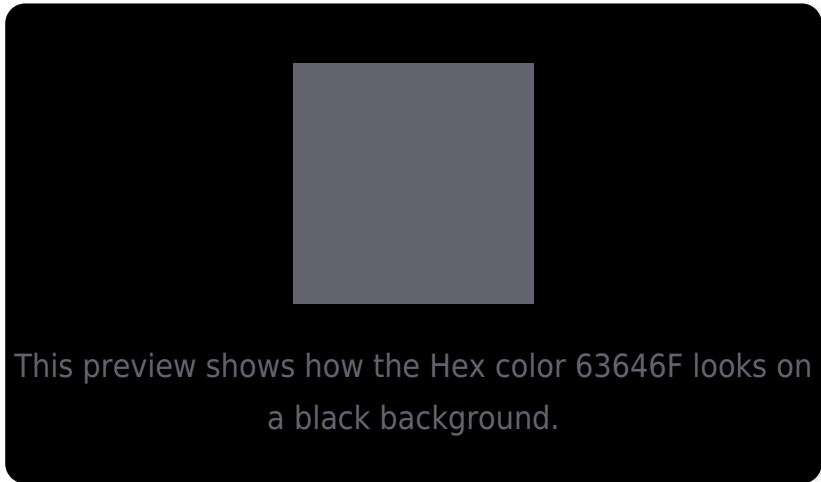
Large Text (above 18pt) WCAG AA ✓ Pass

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

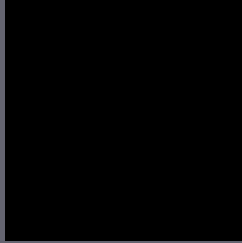
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

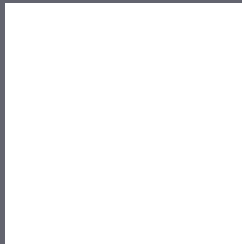
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63646F Background



This preview shows how black text looks on a background with the Hex color 63646F.



This preview shows how white text looks on a background with the Hex color 63646F.

# 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**


63646F

**Protanopia**

63646F

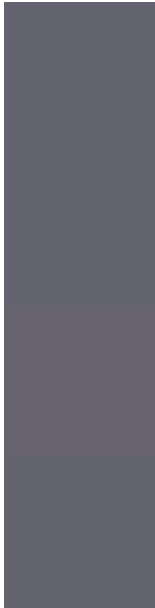
**Deuteranopia**

69626F



**Tritanopia**  
63646C

# Trichromacy



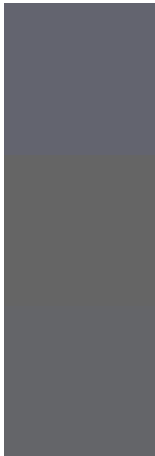
**Original Color**  
63646F

**Protanomaly**  
63646F

**Deuteranomaly**  
67636F

**Tritanomaly**  
63646D

# Monochromacy



**Original Color**  
63646F

**Achromatopsia**  
656565

**Achromatomaly**  
646569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63646F 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 #63646F looks like.

```
.text, #text, p{  
    color:#63646F  
}
```

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 #63646F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63646F
}
```

## Border

The CSS property to change the border of an element to Hex 63646F is called "border". The border property can be set on classes, ids or directly on the HTML element.

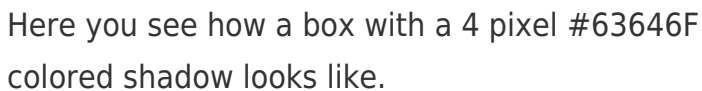
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63646F }
```

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

```
.border{ border-color:#63646F }
```

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



Here you see how a box with a 4 pixel #63646F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63646F; -webkit-box-shadow:4px 4px  
4px 4px #63646F; box-shadow:4px 4px 4px  
4px #63646F }
```

# Background

The CSS property to change the background color of an element to Hex 63646F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63646F }
```

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

```
.background{ background-color:#63646F }
```

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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