

# Converting Colors

Hex(636E6C)

Have a look what the booklet for  
Hex(636E6C) contains.

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# Color

Hex(636E6C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636E6C
RGB	99, 110, 108
RGB Percent	39%, 43%, 42%
CMY	0.6118, 0.5686, 0.5765
CMYK	0.10, 0.00, 0.02, 0.57
HSL	169°, 5%, 41%
HSV	169°, 10%, 43%
XYZ	13.4283, 14.8872, 16.3531
YIQ	106.4830, -5.9140, -2.9540

# Conversions

## Conversions Part 2

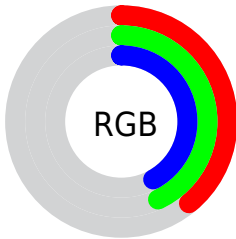
Format	Color
R <sub>Y</sub> B	99, 105, 110
Decimal	6516332
CIE Lab	45.48, -4.58, -0.31
CIE LCh	45, 4.594, 183.892
Yxy	14.8872, 0.3006, 0.3333
Android (android.graphics.Color)	4284706412 (0xFF636E6C)
YUV	106.4830, 0.7479, -6.5626
Hunter-Lab	38.5840, -5.3989, 1.8798

# Details

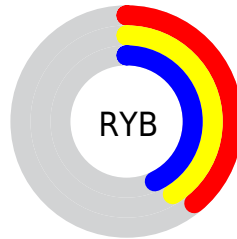
The Hex color **636E6C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6365**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **96A29F**, and **343E3D** is the 20% darker color. If you saturate the color by 10%, you get **586E6A**, and if you desaturate by 10%, it is **6E6E6E**.

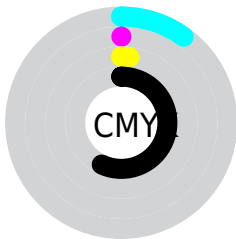
# Distribution



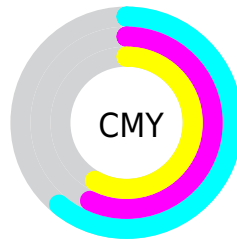
- Red (39%)
- Green (43%)
- Blue (42%)



- Red (39%)
- Yellow (41%)
- Blue (43%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (57%)



- Cyan (61%)
- Magenta (57%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 636E6C 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 636E6C by changing the saturation by 10% instead.



636E6C

636E6C

FFFFFF

4B5654

96A29F

343E3D

B0BDBA

1F2927

CCD8D6

081412

E8F5F2

000000

636E6C

636E6C

586E6A

6E6E6E

4D6E68

796E70

426E66

846E72

■ 376E64

■ 8F6E74

■ 2C6E62

■ 9A6E76

■ 216E60

■ A56E78

■ 166E5E

■ B06E7A

■ 0B6E5C

■ BB6E7C

■ 006E5A

■ C66E7E

# Harmonies

## Analogous

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



666E68



636E6C



626E70

# Triad

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



636E6C



6D6B72



726A65

# Complementary

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



636E6C



6E6365

# 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.



746968



636E6C



716A6F

# Square

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



636E6C



686C73



74696B



6E6C64

# Rectangle

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



636E6C



646D72



74696B



736A66



# Sweetspot

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



636E6C



8B8F8E



656E63



454747



C7C7C7



474747



# Same Dimension

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



636E6C



7E8F8C



636B6E



323837



007862



00F7CA



# Inverse Universe

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



6E6365



8F7E81



6E6663



383234



780016



F7002D



# Previews

## White Background



This preview shows how the Hex color 636E6C looks on a white background.

## Color Contrast Check

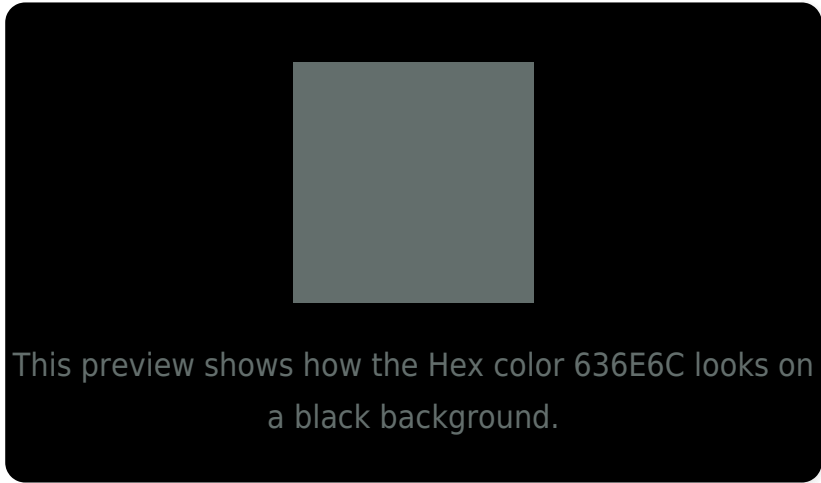
Large Text (above 18pt) WCAG AA ✓ Pass

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

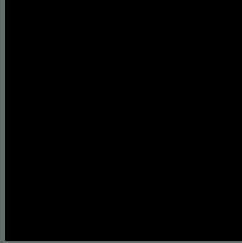
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

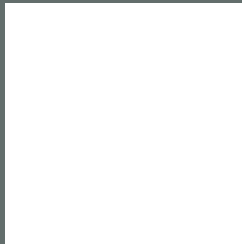
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 636E6C Background



This preview shows how black text looks on a background with the Hex color 636E6C.



This preview shows how white text looks on a background with the Hex color 636E6C.

# 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](#).

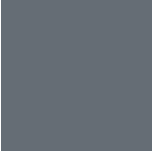
## Dichromacy



**Original Color**  
636E6C

**Protanopia**  
6E6B6A

**Deuteranopia**  
75686D



**Tritanopia**  
656D75

# Trichromacy



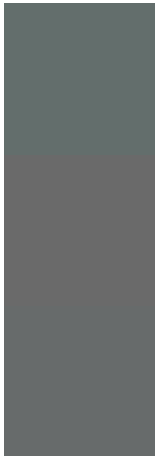
**Original Color**  
636E6C

**Protanomaly**  
6A6C6B

**Deuteranomaly**  
6E6A6D

**Tritanomaly**  
646D72

# Monochromacy



**Original Color**  
636E6C

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
676B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636E6C 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 #636E6C looks like.

```
.text, #text, p{  
    color:#636E6C  
}
```

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 #636E6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636E6C  
}
```

## Border

The CSS property to change the border of an element to Hex 636E6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

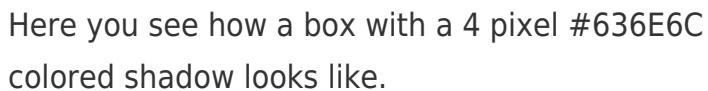
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#636E6C }
```

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

```
.border{ border-color:#636E6C }
```

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



Here you see how a box with a 4 pixel #636E6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636E6C; -webkit-box-shadow:4px 4px  
4px 4px #636E6C; box-shadow:4px 4px 4px  
4px #636E6C }
```

# Background

The CSS property to change the background color of an element to Hex 636E6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636E6C }
```

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

```
.background{ background-color:#636E6C }
```

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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