

# Converting Colors

Hex(636B69)

Have a look what the booklet for  
Hex(636B69) contains.

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# Color

**Hex(636B69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	636B69
RGB	99, 107, 105
RGB Percent	39%, 42%, 41%
CMY	0.6118, 0.5804, 0.5882
CMYK	0.07, 0.00, 0.02, 0.58
HSL	165°, 4%, 40%
HSV	165°, 7%, 42%
XYZ	12.9531, 14.1880, 15.4205
YIQ	104.3800, -4.1260, -2.3180

# Conversions

## Conversions Part 2

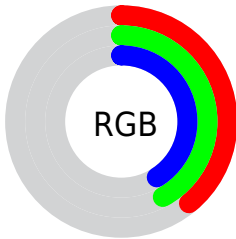
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 104, 107
Decimal	6515561
CIE <sub>Lab</sub>	44.50, -3.48, 0.06
CIE <sub>LCh</sub>	45, 3.477, 178.967
Yxy	14.1880, 0.3043, 0.3334
Android (android.graphics.Color)	4284705641 (0xFF636B69)
YUV	104.3800, 0.3057, -4.7183
Hunter-Lab	37.6669, -4.5336, 2.0941

# Details

The Hex color **636B69** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6365**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **969E9C**, and **343C3A** is the 20% darker color. If you saturate the color by 10%, you get **586B66**, and if you desaturate by 10%, it is **6E6B6C**.

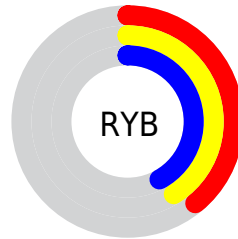
# Distribution



Red (39%)

Green (42%)

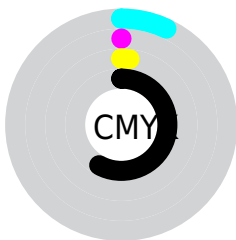
Blue (41%)



Red (39%)

Yellow (41%)

Blue (42%)

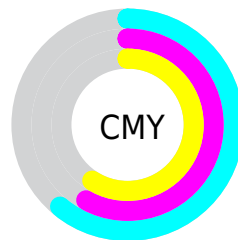


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (58%)



Cyan (61%)

Magenta (58%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 636B69 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 636B69 by changing the saturation by 10% instead.





636B69



636B69

FFFFFF



4B5351



969E9C



343C3A



B0B9B7



1F2624



CCD5D3



07110F



E8F1EF



000000



636B69



636B69



586B66



6E6B6C



4E6B64



786B6E



436B61



836B71

■ 386B5E

■ 8E6B74

■ 2E6B5C

■ 996B76

■ 236B59

■ A36B79

■ 186B56

■ AE6B7C

■ 0D6B54

■ B96B7E

■ 036B51

■ C36B81

# Harmonies

## Analogous

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



656B66



636B69



626B6C

# Triad

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



636B69



6A696E



6E6864

# Complementary

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



636B69



6B6365

# 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.



706767



636B69



6D686C

# Square

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



636B69



66696F



6F6769



6C6963

# Rectangle

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



636B69



636B6D



6F6769



6F6865



# Sweetspot

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



636B69



898C8C



656B63



464747



C7C7C7



474747



# Same Dimension

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



636B69



808C89



63696B



303634



007558



00F5B8



# Inverse Universe

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



6B6365



8C8083



6B6563



363032



75001D



F5003D



# Previews

## White Background



This preview shows how the Hex color 636B69 looks on a white background.

## Color Contrast Check

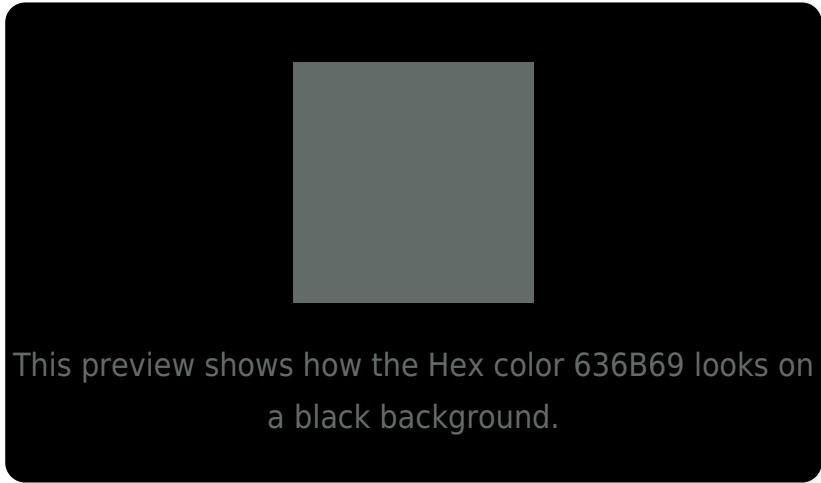
Large Text (above 18pt) WCAG AA ✓ Pass

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

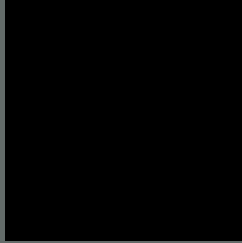
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

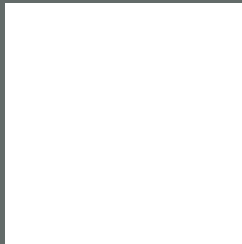
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 636B69 Background



This preview shows how black text looks on a background with the Hex color 636B69.



This preview shows how white text looks on a background with the Hex color 636B69.

# 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**

636B69

**Protanopia**

6B6968

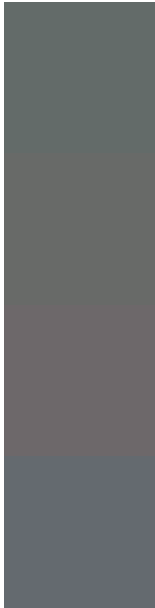
**Deuteranopia**

73666A



**Tritanopia**  
646A72

# Trichromacy



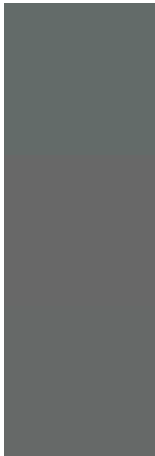
**Original Color**  
636B69

**Protanomaly**  
686A68

**Deuteranomaly**  
6D686A

**Tritanomaly**  
646A6F

# Monochromacy



**Original Color**  
636B69

**Achromatopsia**  
686868

**Achromatomaly**  
666968

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636B69 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 #636B69 looks like.

```
.text, #text, p{  
    color:#636B69  
}
```

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 #636B69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636B69
}
```

## Border

The CSS property to change the border of an element to Hex 636B69 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
#636B69 }
```

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

```
.border{ border-color:#636B69 }
```

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

Here you see how a box with a 4 pixel #636B69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636B69; -webkit-box-shadow:4px 4px  
4px 4px #636B69; box-shadow:4px 4px 4px  
4px #636B69 }
```

# Background

The CSS property to change the background color of an element to Hex 636B69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636B69 }
```

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

```
.background{ background-color:#636B69 }
```

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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