

# Converting Colors

Hex(636960)

Have a look what the booklet for  
Hex(636960) contains.

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# Color

**Hex(636960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	636960
RGB	99, 105, 96
RGB Percent	39%, 41%, 38%
CMY	0.6118, 0.5882, 0.6235
CMYK	0.06, 0.00, 0.09, 0.59
HSL	100°, 4%, 39%
HSV	100°, 9%, 41%
XYZ	12.3085, 13.6003, 13.0427
YIQ	102.1800, -0.6870, -4.0710

# Conversions

## Conversions Part 2

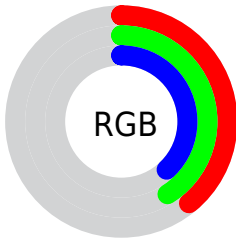
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 105, 102
Decimal	6515040
CIE Lab	43.65, -4.17, 4.26
CIE LCh	44, 5.960, 134.348
Yxy	13.6003, 0.3160, 0.3492
Android (android.graphics.Color)	4284705120 (0xFF636960)
YUV	102.1800, -3.0467, -2.7889
Hunter-Lab	36.8786, -4.9620, 4.8462

# Details

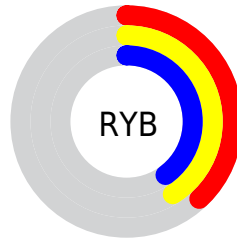
The Hex color **636960** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **666069**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **969C92**, and **353A32** is the 20% darker color. If you saturate the color by 10%, you get **5C6956**, and if you desaturate by 10%, it is **6A696A**.

# Distribution



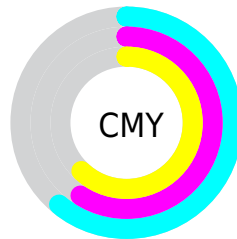
- Red (39%)
- Green (41%)
- Blue (38%)



- Red (38%)
- Yellow (41%)
- Blue (40%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (59%)



- Cyan (61%)
- Magenta (59%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 636960 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 636960 by changing the saturation by 10% instead.



636960

636960

FFFFFF

4B5148

969C92

353A32

B0B7AD

1F241D

CCD3C8

070F03

E8EFE4

000000

636960

636960

5C6956

6A696A

55694B

716975

4E6941

786980

■ 476936

■ 7F698A

■ 40692B

■ 866995

■ 396921

■ 8D699F

■ 326917

■ 9469AA

■ 2B690C

■ 9B69B4

■ 246902

■ A269BF

# Harmonies

## Analogous

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



69685E



636960



5E6A64

# Triad

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



636960



5F6870



726465

# Complementary

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



636960



666069

# 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.



70646A



636960



656771

# Square

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



636960



5C6A6E



6B656E



716560

# Rectangle

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



636960



5C6A68



6B656E



716467



# Sweetspot

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



636960



878A86



696660



434542



C4C4C4



454545



# Same Dimension

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



636960



818A7C



606961



323630



277500



52F500



# Inverse Universe

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



666069



857C8A



696067



343036



4E0075

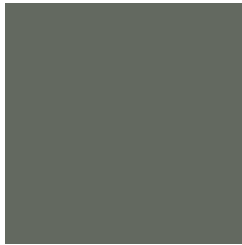


A300F5



# Previews

## White Background



This preview shows how the Hex color 636960 looks on a white background.

## Color Contrast Check

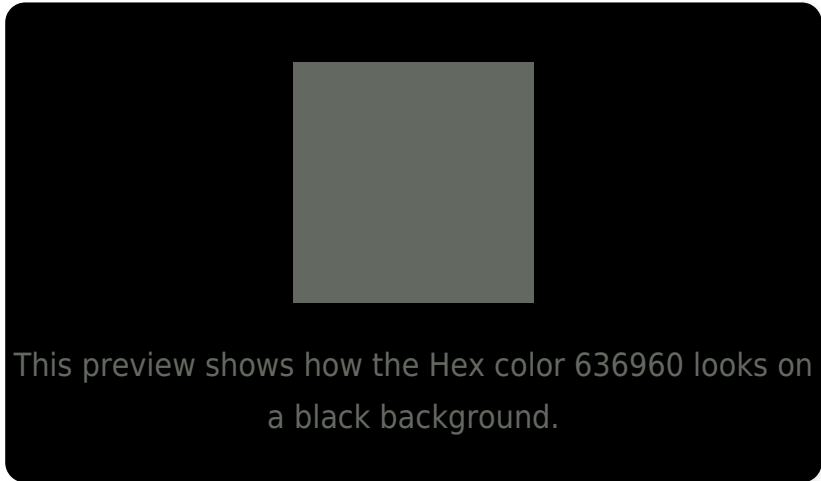
Large Text (above 18pt) WCAG AA ✓ Pass

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

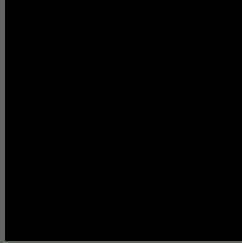
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

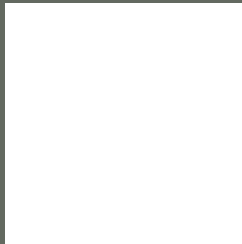
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 636960 Background



This preview shows how black text looks on a background with the Hex color 636960.



This preview shows how white text looks on a background with the Hex color 636960.

# 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**  
636960

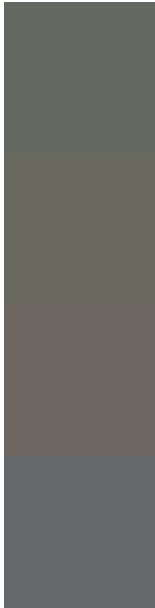
**Protanopia**  
6B675F

**Deuteranopia**  
736461



**Tritanopia**  
65676F

# Trichromacy



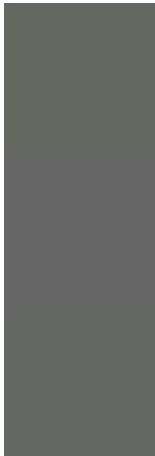
**Original Color**  
636960

**Protanomaly**  
68685F

**Deuteranomaly**  
6D6661

**Tritanomaly**  
64686A

# Monochromacy



**Original Color**  
636960

**Achromatopsia**  
666666

**Achromatomaly**  
656764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636960 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 #636960 looks like.

```
.text, #text, p{  
    color:#636960  
}
```

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 #636960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636960
}
```

## Border

The CSS property to change the border of an element to Hex 636960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

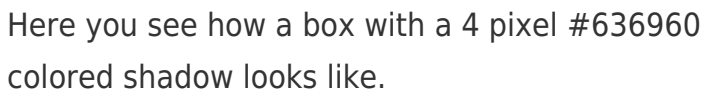
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#636960 }
```

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

```
.border{ border-color:#636960 }
```

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



Here you see how a box with a 4 pixel #636960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636960; -webkit-box-shadow:4px 4px  
4px 4px #636960; box-shadow:4px 4px 4px  
4px #636960 }
```

# Background

The CSS property to change the background color of an element to Hex 636960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636960 }
```

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

```
.background{ background-color:#636960 }
```

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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