

# Converting Colors

Hex(636A64)

Have a look what the booklet for  
Hex(636A64) contains.

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# Color

Hex(636A64)

# Conversions

## Conversions Part 1

Format	Color
Hex	636A64
RGB	99, 106, 100
RGB Percent	39%, 42%, 39%
CMY	0.6118, 0.5843, 0.6078
CMYK	0.07, 0.00, 0.06, 0.58
HSL	129°, 3%, 40%
HSV	129°, 7%, 42%
XYZ	12.5999, 13.8808, 14.0718
YIQ	103.2230, -2.2460, -3.3500

# Conversions

## Conversions Part 2

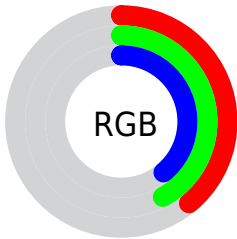
Format	Color
R <sub>Y</sub> B	99, 105, 106
Decimal	6515300
CIE Lab	44.06, -3.94, 2.44
CIE LCh	44, 4.634, 148.271
Yxy	13.8808, 0.3107, 0.3423
Android (android.graphics.Color)	4284705380 (0xFF636A64)
YUV	103.2230, -1.5889, -3.7036
Hunter-Lab	37.2570, -4.8331, 3.6863

# Details

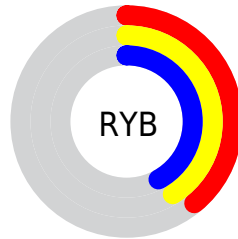
The Hex color **636A64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A6369**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **969D97**, and **353B35** is the 20% darker color. If you saturate the color by 10%, you get **586A5B**, and if you desaturate by 10%, it is **6E6A6D**.

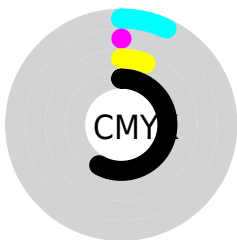
# Distribution



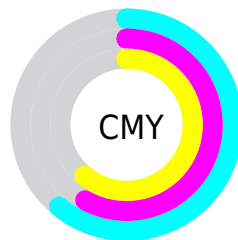
- Red (39%)
- Green (42%)
- Blue (39%)



- Red (39%)
- Yellow (41%)
- Blue (42%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 636A64 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 636A64 by changing the saturation by 10% instead.





636A64



636A64

FFFFFF



4B524C



969D97



353B35



B0B8B1



1F2520



CCD4CD



071009



E8F0E9



000000



636A64



636A64



586A5B



6E6A6D



4E6A52



786A76



436A49



836A7F

■ 396A40

■ 8D6A88

■ 2E6A37

■ 986A91

■ 236A2D

■ A36A9B

■ 196A24

■ AD6AA4

■ 0E6A1B

■ B86AAD

■ 046A12

■ C26AB6

# Harmonies

## Analogous

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



676961



636A64



606A68

# Triad

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



636A64



646970



716665

# Complementary

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



636A64



6A6369

# 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.



706668



636A64



69676F

# Square

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



636A64



606A6F



6D666C



6F6762

# Rectangle

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



636A64



5F6A6A



6D666C



716666



# Sweetspot

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



636A64



878A87



696A63



434544



C4C4C4



454545



# Same Dimension

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



636A64



7F8A80



636A67



303631



007511



00F523



# Inverse Universe

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



6A6369



8A7F88



6A6366



363035



750065



F500D2



# Previews

## White Background



This preview shows how the Hex color 636A64 looks on a white background.

## Color Contrast Check

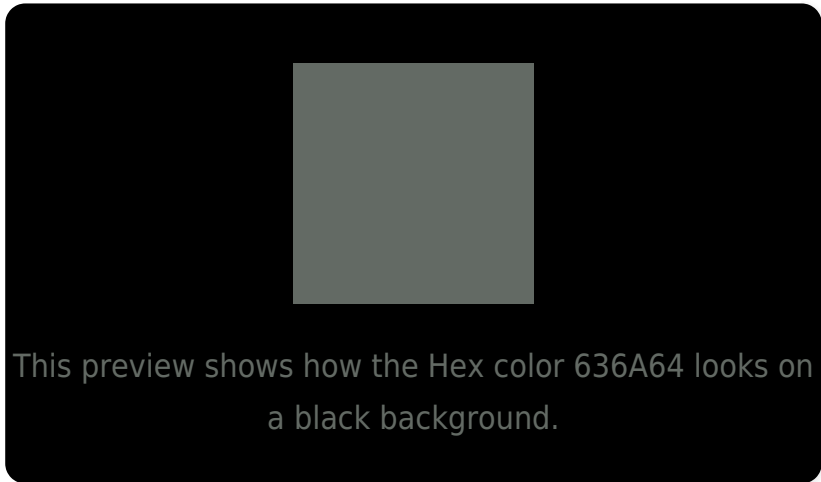
Large Text (above 18pt) WCAG AA ✓ Pass

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

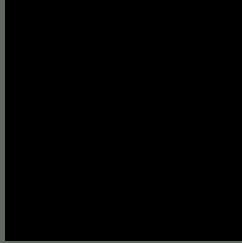
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

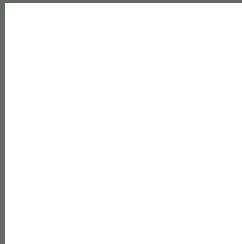
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 636A64 Background



This preview shows how black text looks on a background with the Hex color 636A64.



This preview shows how white text looks on a background with the Hex color 636A64.

# 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**

636A64

**Protanopia**

6B6863

**Deuteranopia**

736565



**Tritanopia**  
656870

# Trichromacy



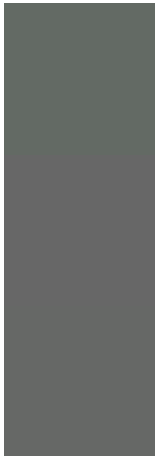
**Original Color**  
636A64

**Protanomaly**  
686963

**Deuteranomaly**  
6D6765

**Tritanomaly**  
64696C

# Monochromacy



**Original Color**  
636A64

**Achromatopsia**  
676767

**Achromatomaly**  
666866

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636A64 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 #636A64 looks like.

```
.text, #text, p{  
    color:#636A64  
}
```

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 #636A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636A64
}
```

## Border

The CSS property to change the border of an element to Hex 636A64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

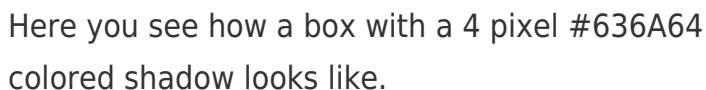
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#636A64 }
```

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

```
.border{ border-color:#636A64 }
```

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



Here you see how a box with a 4 pixel #636A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636A64; -webkit-box-shadow:4px 4px  
4px 4px #636A64; box-shadow:4px 4px 4px  
4px #636A64 }
```

# Background

The CSS property to change the background color of an element to Hex 636A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636A64 }
```

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

```
.background{ background-color:#636A64 }
```

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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