

# Converting Colors

Hex(636C4C)

Have a look what the booklet for  
Hex(636C4C) contains.

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**Color**

**Hex(636C4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636C4C
RGB	99, 108, 76
RGB Percent	39%, 42%, 30%
CMY	0.6118, 0.5765, 0.7020
CMYK	0.08, 0.00, 0.30, 0.58
HSL	77°, 17%, 36%
HSV	77°, 30%, 42%
XYZ	11.8127, 13.8996, 8.8978
YIQ	101.6610, 4.9080, -11.8600

# Conversions

## Conversions Part 2

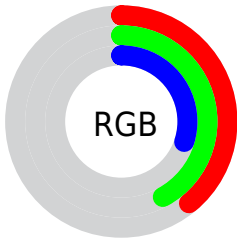
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 108, 85
Decimal	6515788
CIE Lab	44.09, -9.48, 16.81
CIE LCh	44, 19.301, 119.424
Yxy	13.8996, 0.3413, 0.4016
Android (android.graphics.Color)	4284705868 (0xFF636C4C)
YUV	101.6610, -12.6509, -2.3337
Hunter-Lab	37.2821, -8.6869, 11.9473

# Details

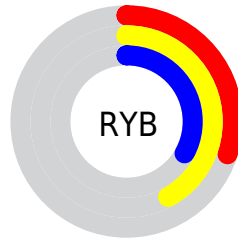
The Hex color **636C4C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **554C6C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **969F7D**, and **343D1F** is the 20% darker color. If you saturate the color by 10%, you get **606C41**, and if you desaturate by 10%, it is **666C57**.

# Distribution



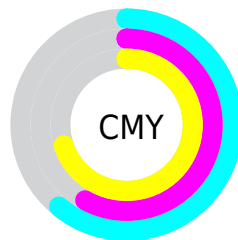
- Red (39%)
- Green (42%)
- Blue (30%)



- Red (30%)
- Yellow (42%)
- Blue (33%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (58%)



- Cyan (61%)
- Magenta (58%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 636C4C 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 636C4C by changing the saturation by 10% instead.



 636C4C

 636C4C

FFFFFF

 4B5435

 969F7D

 343D1F

 B1BA97

 1F2709

 CCD6B2

 001300

 E9F2CD

 000000

 FFFFEA

 636C4C

 636C4C

 606C41

 666C57

 5D6C36

 696C62

■ 5A6C2C

■ 6C6C6C

■ 576C21

■ 6F6C77

■ 546C16

■ 726C82

■ 516C0B

■ 756C8D

■ 4E6C00

■ 786C98

■ 7B6CA2

■ 7E6CAD

# Harmonies

## Analogous

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



746748



636C4C



516F57

# Triad

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



636C4C



3F6E83



875D69

# Complementary

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



636C4C



554C6C

# 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.



7C5F79



636C4C



536A88

# Square

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



636C4C



377177



6A6484



885E59

# Rectangle

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



636C4C



457162



6A6484



845D6F



# Sweetspot

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



636C4C



898C80



6C554C



454740



C7C7C7



474747



# Same Dimension

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



636C4C



7E8C5A



536C4C



343630



547500



B0F500



# Inverse Universe

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



554C6C



685A8C



654C6C



323036



210075



4500F5



# Previews

## White Background



This preview shows how the Hex color 636C4C looks on a white background.

## Color Contrast Check

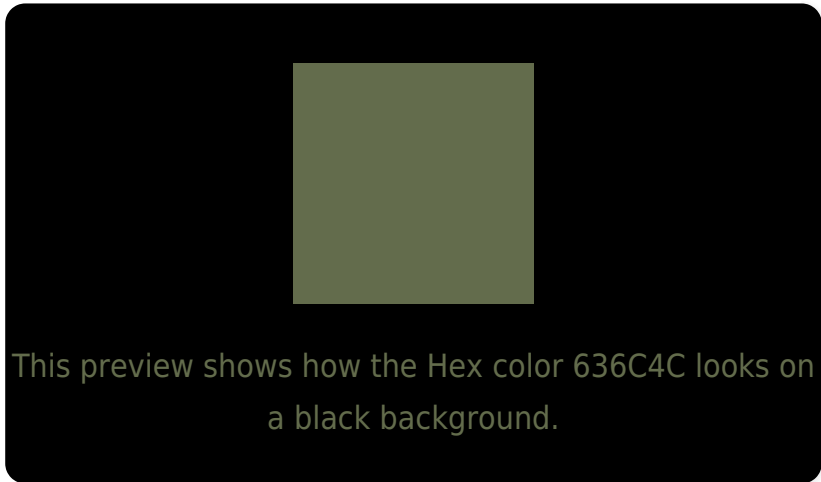
Large Text (above 18pt) WCAG AA ✓ Pass

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

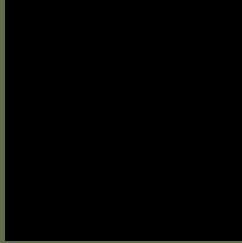
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

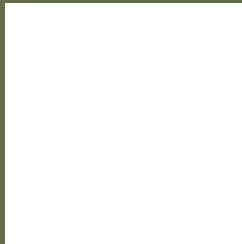
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 636C4C Background



This preview shows how black text looks on a background with the Hex color 636C4C.



This preview shows how white text looks on a background with the Hex color 636C4C.

# 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**  
636C4C

**Protanopia**  
70684A

**Deuteranopia**  
7B644E



**Tritanopia**  
686770

# Trichromacy



**Original Color**  
636C4C

**Protanomaly**  
6B694B

**Deuteranomaly**  
72674D

**Tritanomaly**  
666963

# Monochromacy



**Original Color**  
636C4C

**Achromatopsia**  
666666

**Achromatomaly**  
65685D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636C4C 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 #636C4C looks like.

```
.text, #text, p{  
    color:#636C4C  
}
```

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 #636C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636C4C
}
```

## Border

The CSS property to change the border of an element to Hex 636C4C 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
#636C4C }
```

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

```
.border{ border-color:#636C4C }
```

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

Here you see how a box with a 4 pixel #636C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636C4C; -webkit-box-shadow:4px 4px  
4px 4px #636C4C; box-shadow:4px 4px 4px  
4px #636C4C }
```

# Background

The CSS property to change the background color of an element to Hex 636C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636C4C }
```

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

```
.background{ background-color:#636C4C }
```

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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