

# Converting Colors

Hex(6A6F66)

Have a look what the booklet for  
Hex(6A6F66) contains.

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# Color

**Hex(6A6F66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6F66
RGB	106, 111, 102
RGB Percent	42%, 44%, 40%
CMY	0.5843, 0.5647, 0.6000
CMYK	0.05, 0.00, 0.08, 0.56
HSL	93°, 4%, 42%
HSV	93°, 8%, 44%
XYZ	14.0266, 15.3924, 14.8021
YIQ	108.4790, -0.0910, -3.8590

# Conversions

## Conversions Part 2

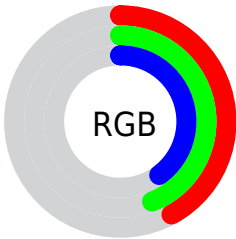
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 111, 107
Decimal	6975334
CIE <sub>Lab</sub>	46.17, -3.74, 4.35
CIE <sub>LCh</sub>	46, 5.732, 130.676
Yxy	15.3924, 0.3172, 0.3481
Android (android.graphics.Color)	4285165414 (0xFF6A6F66)
YUV	108.4790, -3.1941, -2.1741
Hunter-Lab	39.2331, -4.8408, 5.0939

# Details

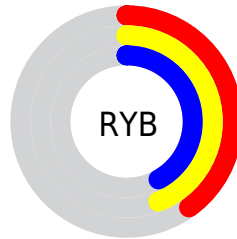
The Hex color **6A6F66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B666F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9DA399**, and **3B3F37** is the 20% darker color. If you saturate the color by 10%, you get **646F5B**, and if you desaturate by 10%, it is **706F71**.

# Distribution



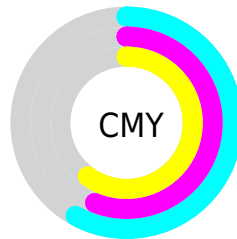
- Red (42%)
- Green (44%)
- Blue (40%)



- Red (40%)
- Yellow (44%)
- Blue (42%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (56%)



- Cyan (58%)
- Magenta (56%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6F66 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 6A6F66 by changing the saturation by 10% instead.





6A6F66



6A6F66

FFFFFF



52574E



9DA399



3B3F37



B8BEB4



252A22



D4D9CF



10150C



F0F6EB



000000



6A6F66



6A6F66



646F5B



706F71



5E6F50



766F7C



586F45



7C6F87

■ 516F3A

■ 836F92

■ 4B6F2F

■ 896F9E

■ 456F23

■ 8F6FA9

■ 3F6F18

■ 956FB4

■ 396F0D

■ 9B6FBF

■ 336F02

■ A16FCA

# Harmonies

## Analogous

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



706E64



6A6F66



65706A

# Triad

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



6A6F66



656F76



786A6C

# Complementary

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



6A6F66



6B666F

# 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.



756A71



6A6F66



6B6D77

# Square

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



6A6F66



627073



706C75



776B67

# Rectangle

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



6A6F66



63706D



706C75



776A6D



# Sweetspot

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



6A6F66



90918E



6F6B66



494A48



C9C9C9



4A4A4A



# Same Dimension

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



6A6F66



899183



666F66



353832



357800



6EF700



# Inverse Universe

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



6B666F



8B8391



6F666F



363238



430078

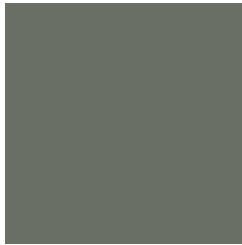


8900F7



# Previews

## White Background



This preview shows how the Hex color 6A6F66 looks on a white background.

## Color Contrast Check

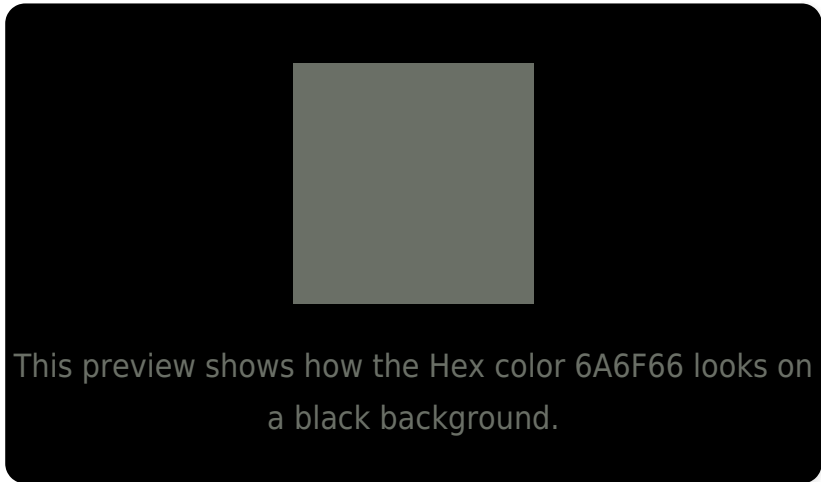
Large Text (above 18pt) WCAG AA ✓ Pass

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

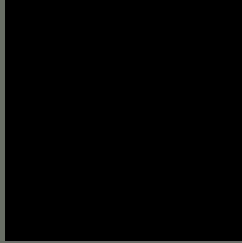
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6F66 Background



This preview shows how black text looks on a background with the Hex color 6A6F66.



This preview shows how white text looks on a background with the Hex color 6A6F66.

# 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**  
6A6F66

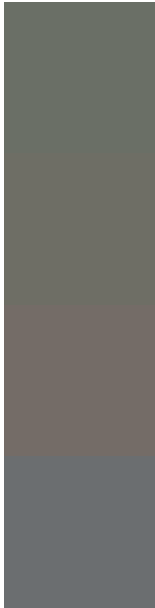
**Protanopia**  
716D65

**Deuteranopia**  
7A6A67



**Tritanopia**  
6C6D75

# Trichromacy



**Original Color**

6A6F66

**Protanomaly**

6E6E65

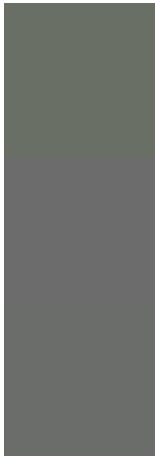
**Deuteranomaly**

746C67

**Tritanomaly**

6B6E70

# Monochromacy



**Original Color**

6A6F66

**Achromatopsia**

6C6C6C

**Achromatomaly**

6B6D6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6F66 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 #6A6F66 looks like.

```
.text, #text, p{  
    color:#6A6F66  
}
```

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 #6A6F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6F66  
}
```

## Border

The CSS property to change the border of an element to Hex 6A6F66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

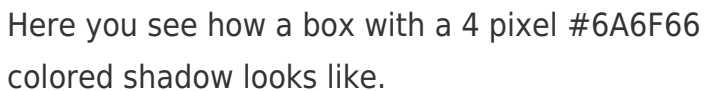
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A6F66 }
```

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

```
.border{ border-color:#6A6F66 }
```

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



Here you see how a box with a 4 pixel #6A6F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6F66; -webkit-box-shadow:4px 4px  
4px 4px #6A6F66; box-shadow:4px 4px 4px  
4px #6A6F66 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6F66 }
```

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

```
.background{ background-color:#6A6F66 }
```

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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