

# Converting Colors

Hex(646F6E)

Have a look what the booklet for  
Hex(646F6E) contains.

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# Color

**Hex(646F6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	646F6E
RGB	100, 111, 110
RGB Percent	39%, 44%, 43%
CMY	0.6078, 0.5647, 0.5686
CMYK	0.10, 0.00, 0.01, 0.56
HSL	175°, 5%, 41%
HSV	175°, 10%, 44%
XYZ	13.7544, 15.2040, 16.9616
YIQ	107.5970, -6.2350, -2.6430

# Conversions

## Conversions Part 2

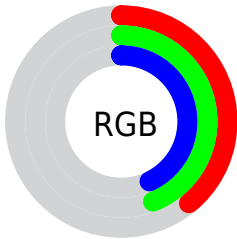
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 106, 111
Decimal	6582126
CIE Lab	45.91, -4.36, -0.87
CIE LCh	46, 4.444, 191.261
Yxy	15.2040, 0.2995, 0.3311
Android (android.graphics.Color)	4284772206 (0xFF646F6E)
YUV	107.5970, 1.1847, -6.6626
Hunter-Lab	38.9923, -5.2711, 1.5036

# Details

The Hex color **646F6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6465**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **97A3A2**, and **353F3F** is the 20% darker color. If you saturate the color by 10%, you get **596F6D**, and if you desaturate by 10%, it is **6F6F6F**.

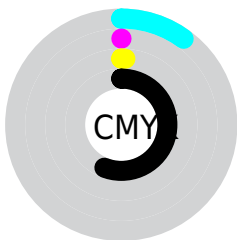
# Distribution



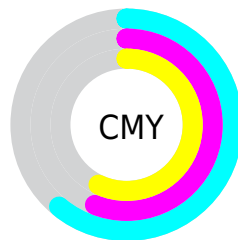
- Red (39%)
- Green (44%)
- Blue (43%)



- Red (39%)
- Yellow (42%)
- Blue (44%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (56%)



- Cyan (61%)
- Magenta (56%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 646F6E 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 646F6E by changing the saturation by 10% instead.



■ 646F6E

■ 646F6E

FFFFFF

■ 4C5756

■ 97A3A2

■ 353F3F

■ B2BEBD

■ 202929

■ CDD9D8

■ 091514

■ E9F6F5

■ 000000

■ 646F6E

■ 646F6E

■ 596F6D

■ 6F6F6F

■ 4E6F6C

■ 7A6F70

■ 436F6B

■ 856F71

■ 386F6A

■ 906F72

■ 2D6F69

■ 9B6F73

■ 216F68

■ A76F74

■ 166F67

■ B26F75

■ 0B6F66

■ BD6F76

■ 006F65

■ C86F77

# Harmonies

## Analogous

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



666F6A



646F6E



646F71

# Triad

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



646F6E



6F6B72



726C66

# Complementary

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



646F6E



6F6465

# 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.



756B68



646F6E



736B6F

# Square

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



646F6E



6B6D74



756A6B



6E6D65

# Rectangle

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



646F6E



666E73



756A6B



736B66



# Sweetspot

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



646F6E



8D9191



656F64



474A4A



C9C9C9



4A4A4A



# Same Dimension

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



646F6E



809190



646B6F



323838



00786D



00F7E1



# Inverse Universe

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



6F6465



918081



6F6864



383233



78000B



F70016



# Previews

## White Background



This preview shows how the Hex color 646F6E looks on a white background.

## Color Contrast Check

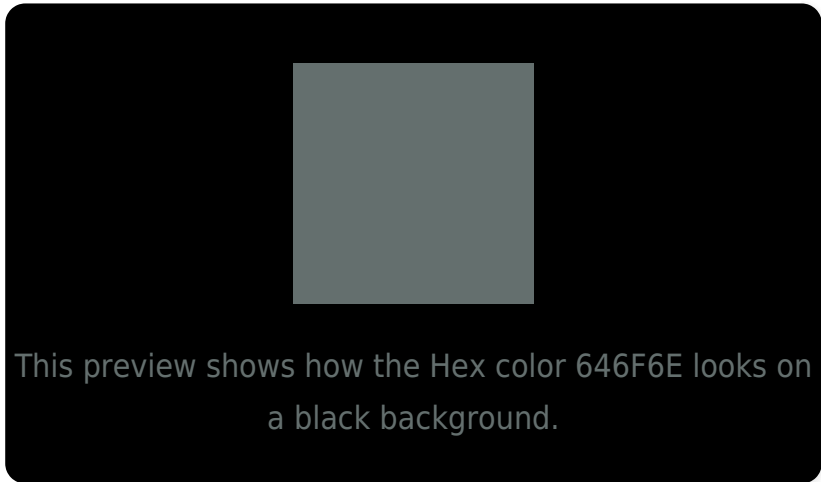
Large Text (above 18pt) WCAG AA ✓ Pass

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 646F6E Background



This preview shows how black text looks on a background with the Hex color 646F6E.



This preview shows how white text looks on a background with the Hex color 646F6E.

# 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**  
646F6E

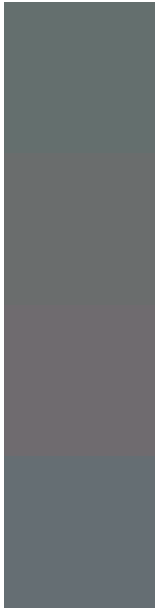
**Protanopia**  
6E6C6C

**Deuteranopia**  
76696F



**Tritanopia**  
656E76

# Trichromacy



**Original Color**

646F6E

**Protanomaly**

6A6D6D

**Deuteranomaly**

6F6B6F

**Tritanomaly**

656E73

# Monochromacy



**Original Color**

646F6E

**Achromatopsia**

6C6C6C

**Achromatomaly**

696D6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 646F6E 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 #646F6E looks like.

```
.text, #text, p{  
    color:#646F6E  
}
```

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 #646F6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646F6E
}
```

## Border

The CSS property to change the border of an element to Hex 646F6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

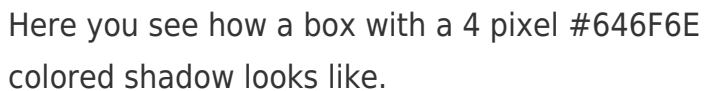
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646F6E }
```

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

```
.border{ border-color:#646F6E }
```

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



Here you see how a box with a 4 pixel #646F6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646F6E; -webkit-box-shadow:4px 4px  
4px 4px #646F6E; box-shadow:4px 4px 4px  
4px #646F6E }
```

# Background

The CSS property to change the background color of an element to Hex 646F6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646F6E }
```

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

```
.background{ background-color:#646F6E }
```

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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