

# Converting Colors

Hex(656E6B)

Have a look what the booklet for  
Hex(656E6B) contains.

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# Color

Hex(656E6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	656E6B
RGB	101, 110, 107
RGB Percent	40%, 43%, 42%
CMY	0.6039, 0.5686, 0.5804
CMYK	0.08, 0.00, 0.03, 0.57
HSL	160°, 4%, 41%
HSV	160°, 8%, 43%
XYZ	13.5966, 14.9801, 16.0847
YIQ	106.9670, -4.4010, -2.8410

# Conversions

## Conversions Part 2

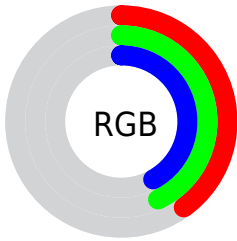
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 106, 110
Decimal	6647403
CIE <sub>Lab</sub>	45.61, -4.05, 0.49
CIE <sub>LCh</sub>	46, 4.080, 173.060
Yxy	14.9801, 0.3044, 0.3354
Android (android.graphics.Color)	4284837483 (0xFF656E6B)
YUV	106.9670, 0.0163, -5.2331
Hunter-Lab	38.7041, -5.0259, 2.4530

# Details

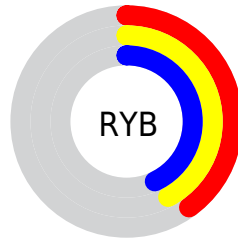
The Hex color **656E6B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6568**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **98A29E**, and **363E3C** is the 20% darker color. If you saturate the color by 10%, you get **5A6E67**, and if you desaturate by 10%, it is **706E6F**.

# Distribution



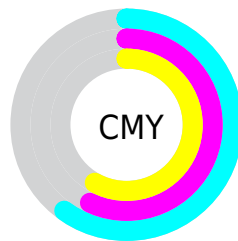
- Red (40%)
- Green (43%)
- Blue (42%)



- Red (40%)
- Yellow (42%)
- Blue (43%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (57%)



- Cyan (60%)
- Magenta (57%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 656E6B 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 656E6B by changing the saturation by 10% instead.





656E6B



656E6B

FFFFFF



4D5653



98A29E



363E3C



B3BDB9



212926



CED8D5



0A1411



EAF5F1



000000



656E6B



656E6B



5A6E67



706E6F



4F6E64



7B6E72



446E60



866E76

■ 396E5C

■ 916E7A

■ 2E6E59

■ 9C6E7D

■ 236E55

■ A76E81

■ 186E51

■ B26E85

■ 0D6E4E

■ BD6E88

■ 026E4A

■ C86E8C

# Harmonies

## Analogous

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



686D68



656E6B



646E6E

# Triad

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



656E6B



6C6B72



736A67

# Complementary

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



656E6B



6E6568

# 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.



746A69



656E6B



706A70

# Square

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



656E6B



686C73



736A6D



706B65

# Rectangle

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



656E6B



646E70



736A6D



736A67



# Sweetspot

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



656E6B



8C8F8E



686E65



464747



C7C7C7



474747



# Same Dimension

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



656E6B



818F8A



656D6E



323836



007850



00F7A5



# Inverse Universe

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



6E6568



8F8185



6E6765



383234



780028



F70052



# Previews

## White Background



This preview shows how the Hex color 656E6B looks on a white background.

## Color Contrast Check

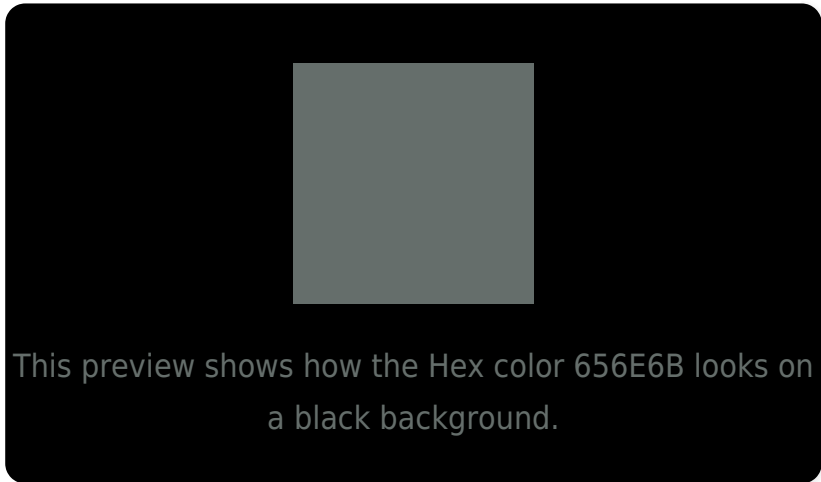
Large Text (above 18pt) WCAG AA ✓ Pass

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

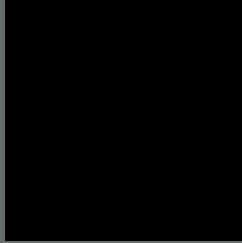
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

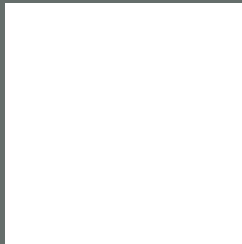
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 656E6B Background



This preview shows how black text looks on a background with the Hex color 656E6B.



This preview shows how white text looks on a background with the Hex color 656E6B.

# 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**  
656E6B

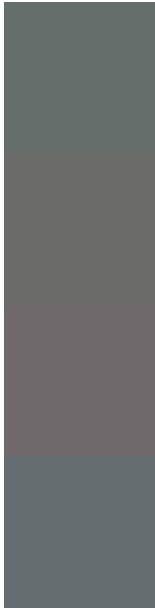
**Protanopia**  
6E6B69

**Deuteranopia**  
76686C



**Tritanopia**  
676C75

# Trichromacy



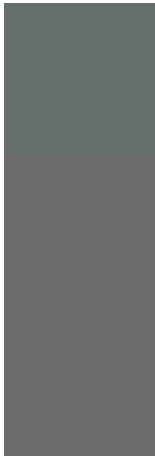
**Original Color**  
656E6B

**Protanomaly**  
6B6C6A

**Deuteranomaly**  
706A6C

**Tritanomaly**  
666D71

# Monochromacy



**Original Color**  
656E6B

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
696C6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 656E6B 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 #656E6B looks like.

```
.text, #text, p{  
    color:#656E6B  
}
```

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 #656E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656E6B  
}
```

## Border

The CSS property to change the border of an element to Hex 656E6B 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  
#656E6B }
```

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

```
.border{ border-color:#656E6B }
```

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

Here you see how a box with a 4 pixel #656E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656E6B; -webkit-box-shadow:4px 4px  
4px 4px #656E6B; box-shadow:4px 4px 4px  
4px #656E6B }
```

# Background

The CSS property to change the background color of an element to Hex 656E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656E6B }
```

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

```
.background{ background-color:#656E6B }
```

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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