

# Converting Colors

Hex(656E6A)

Have a look what the booklet for  
Hex(656E6A) contains.

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# Color

Hex(656E6A)

# Conversions

## Conversions Part 1

Format	Color
Hex	656E6A
RGB	101, 110, 106
RGB Percent	40%, 43%, 42%
CMY	0.6039, 0.5686, 0.5843
CMYK	0.08, 0.00, 0.04, 0.57
HSL	153°, 4%, 41%
HSV	153°, 8%, 43%
XYZ	13.5443, 14.9592, 15.8092
YIQ	106.8530, -4.0800, -3.1520

# Conversions

## Conversions Part 2

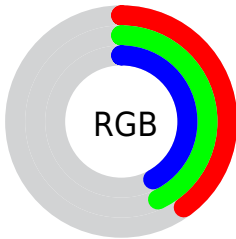
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 107, 110
Decimal	6647402
CIE <sub>Lab</sub>	45.58, -4.26, 1.05
CIE <sub>LCh</sub>	46, 4.389, 166.152
Yxy	14.9592, 0.3057, 0.3376
Android (android.graphics.Color)	4284837482 (0xFF656E6A)
YUV	106.8530, -0.4205, -5.1331
Hunter-Lab	38.6771, -5.1762, 2.8392

# Details

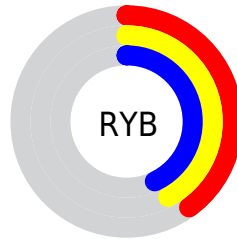
The Hex color **656E6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6569**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **98A29D**, and **363E3B** is the 20% darker color. If you saturate the color by 10%, you get **5A6E65**, and if you desaturate by 10%, it is **706E6F**.

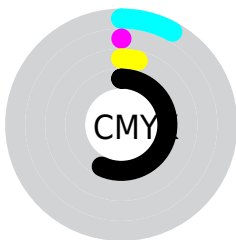
# Distribution



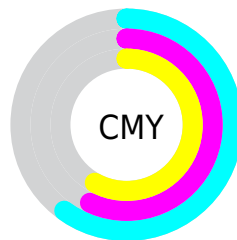
- Red (40%)
- Green (43%)
- Blue (42%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (57%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 656E6A 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 656E6A by changing the saturation by 10% instead.



656E6A

656E6A

FFFFFF

4D5652

98A29D

363E3B

B3BDB8

212925

CED8D4

0A1410

EAF5F0

000000

656E6A

656E6A

5A6E65

706E6F

4F6E60

7B6E74

446E5B

866E79

■ 396E56

■ 916E7E

■ 2E6E52

■ 9C6E82

■ 236E4D

■ A76E87

■ 186E48

■ B26E8C

■ 0D6E43

■ BD6E91

■ 026E3E

■ C86E96

# Harmonies

## Analogous

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



696D67



656E6A



636E6E

# Triad

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



656E6A



6B6C73



736A67

# Complementary

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



656E6A



6E6569

# 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.



746A6A



656E6A



6F6A71

# Square

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



656E6A



666D73



726A6E



716B65

# Rectangle

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



656E6A



636E70



726A6E



746A68



# Sweetspot

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



656E6A



8C8F8E



696E65



464747



C7C7C7



474747



# Same Dimension

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



656E6A



818F88



656E6E



323836



007843



00F789



# Inverse Universe

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



6E6569



8F8187



6E6565



383235



780035



F7006E



# Previews

## White Background



This preview shows how the Hex color 656E6A looks on a white background.

## Color Contrast Check

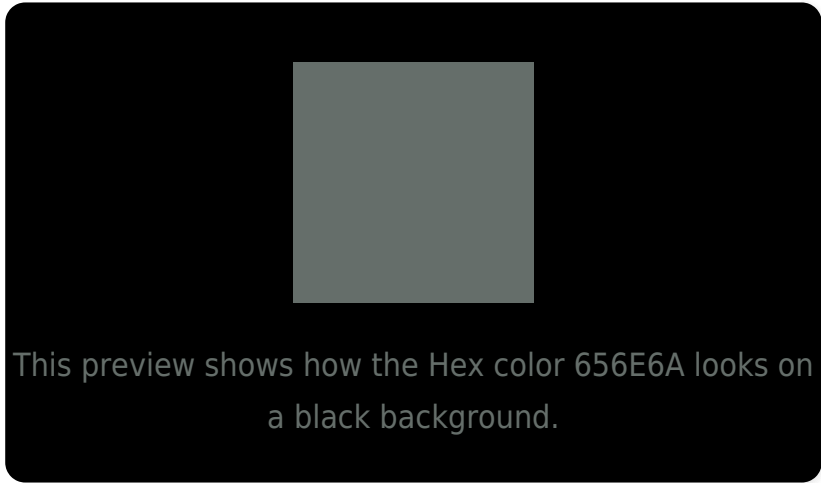
Large Text (above 18pt) WCAG AA ✓ Pass

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

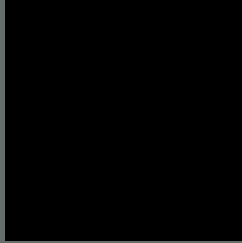
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

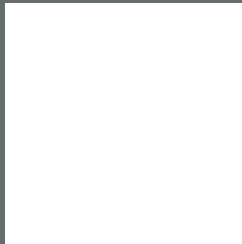
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 656E6A Background



This preview shows how black text looks on a background with the Hex color 656E6A.



This preview shows how white text looks on a background with the Hex color 656E6A.

# 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**


656E6A

**Protanopia**

6E6B68

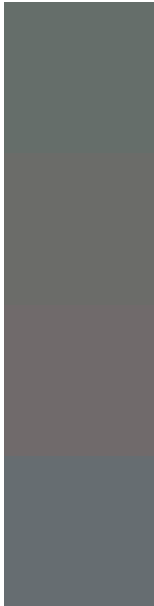
**Deuteranopia**

76686B



**Tritanopia**  
676C75

# Trichromacy



**Original Color**

656E6A

**Protanomaly**

6B6C69

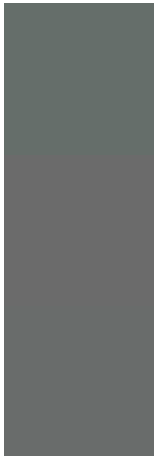
**Deuteranomaly**

706A6B

**Tritanomaly**

666D71

# Monochromacy



**Original Color**

656E6A

**Achromatopsia**

6B6B6B

**Achromatomaly**

696C6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 656E6A 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 #656E6A looks like.

```
.text, #text, p{  
    color:#656E6A  
}
```

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 #656E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656E6A
}
```

## Border

The CSS property to change the border of an element to Hex 656E6A 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
#656E6A }
```

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

```
.border{ border-color:#656E6A }
```

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

Here you see how a box with a 4 pixel #656E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656E6A; -webkit-box-shadow:4px 4px  
4px 4px #656E6A; box-shadow:4px 4px 4px  
4px #656E6A }
```

# Background

The CSS property to change the background color of an element to Hex 656E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656E6A }
```

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

```
.background{ background-color:#656E6A }
```

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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