

# Converting Colors

Hex(55747E)

Have a look what the booklet for  
Hex(55747E) contains.

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# Color

Hex(55747E)

# Conversions

## Conversions Part 1

Format	Color
Hex	55747E
RGB	85, 116, 126
RGB Percent	33%, 45%, 49%
CMY	0.6667, 0.5451, 0.5059
CMYK	0.33, 0.08, 0.00, 0.51
HSL	195°, 19%, 41%
HSV	195°, 33%, 49%
XYZ	13.7576, 15.9284, 22.0881
YIQ	107.8710, -21.6860, -3.4620

# Conversions

## Conversions Part 2

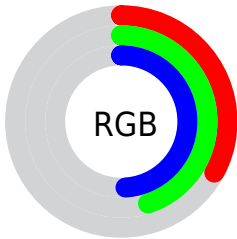
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 103, 126
Decimal	5600382
CIELab	46.88, -8.51, -9.10
CIElCh	47, 12.461, 226.919
Yxy	15.9284, 0.2657, 0.3077
Android (android.graphics.Color)	4283790462 (0xFF55747E)
YUV	107.8710, 8.9376, -20.0579
Hunter-Lab	39.9104, -8.3122, -4.8762

# Details

The Hex color **55747E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E5F55**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **88A8B3**, and **25444D** is the 20% darker color. If you saturate the color by 10%, you get **48717E**, and if you desaturate by 10%, it is **62777E**.

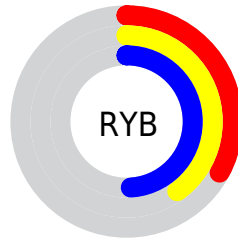
# Distribution



Red (33%)

Green (45%)

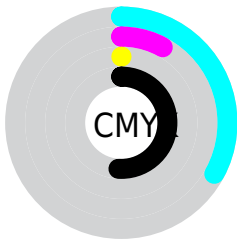
Blue (49%)



Red (33%)

Yellow (40%)

Blue (49%)

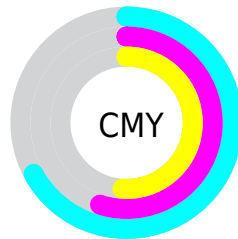


Cyan (33%)

Magenta (8%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (55%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55747E 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 55747E by changing the saturation by 10% instead.



■ 55747E

■ 55747E

FFFFFF

■ 3D5B65

■ 88A8B3

■ 25444D

■ A3C3CE

■ 0D2E36

■ BEDFEA

■ 001921

■ DAFcff

■ 000009

■ F7FFFF

■ 000000

■ 55747E

■ 55747E

■ 48717E

■ 62777E

■ 3C6E7E

■ 6E7A7E

■ 2F6B7E

■ 7B7D7E

■ 23687E

■ 87807E

■ 16657E

■ 94837E

■ 09627E

■ A1867E

■ 005F7E

■ AD8A7E

■ BA8D7E

■ C6907E

# Harmonies

## Analogous

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



547575



55747E



5E7183

# Triad

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



55747E



816874



71705B

# Complementary

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



55747E



7E5F55

# 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.



7C6D5B



55747E



856869

# Square

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



55747E



786B7D



836A60



657361

# Rectangle

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



55747E



676F84



836A60



756F5A



# Sweetspot

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



55747E



939FA3



557E5F



484F52



D1D1D1



525252



# Same Dimension

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



55747E



6494A3



55607E



393E40



006080



000000



# Inverse Universe

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



7E5574



A36494



7E7355



40393E



800060



000000



# Previews

## White Background



This preview shows how the Hex color 55747E looks on a white background.

## Color Contrast Check

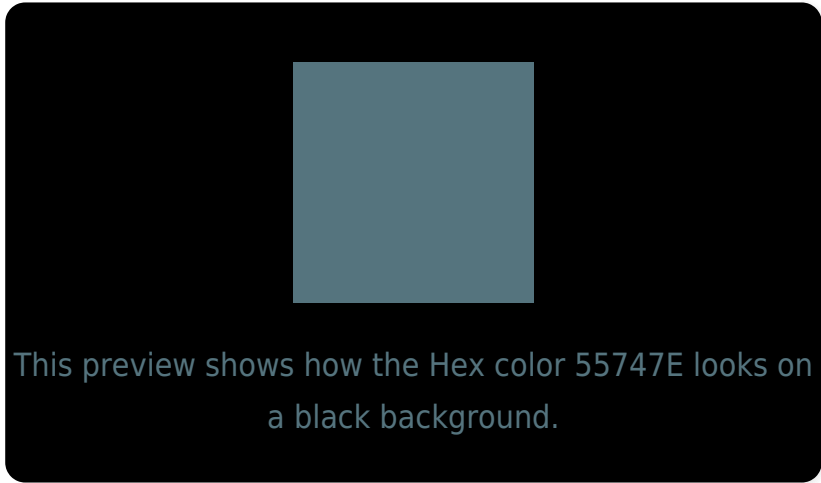
Large Text (above 18pt) WCAG AA ✓ Pass

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

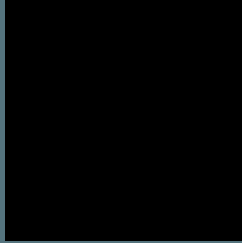
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

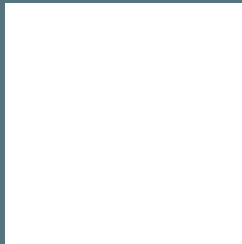
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55747E Background



This preview shows how black text looks on a background with the Hex color 55747E.

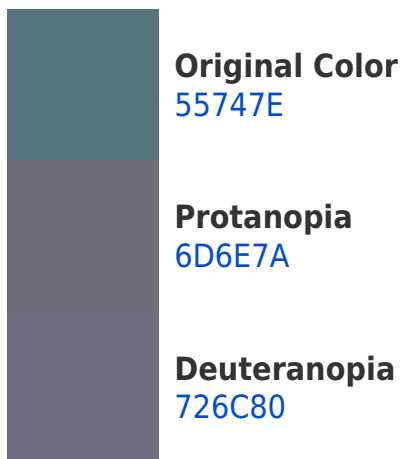


This preview shows how white text looks on a background with the Hex color 55747E.

# 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





**Tritanopia**  
55747D

# Trichromacy



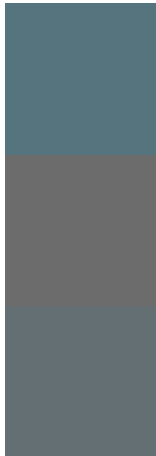
**Original Color**  
55747E

**Protanomaly**  
64707B

**Deuteranomaly**  
676F7F

**Tritanomaly**  
55747D

# Monochromacy



**Original Color**  
55747E

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
646F73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55747E 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 #55747E looks like.

```
.text, #text, p{  
    color:#55747E  
}
```

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 #55747E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55747E
}
```

## Border

The CSS property to change the border of an element to Hex 55747E 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
#55747E }
```

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

```
.border{ border-color:#55747E }
```

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

Here you see how a box with a 4 pixel #55747E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55747E; -webkit-box-shadow:4px 4px  
4px 4px #55747E; box-shadow:4px 4px 4px  
4px #55747E }
```

# Background

The CSS property to change the background color of an element to Hex 55747E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55747E }
```

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

```
.background{ background-color:#55747E }
```

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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