

# Converting Colors

Hex(57797A)

Have a look what the booklet for  
Hex(57797A) contains.

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# Color

**Hex(57797A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57797A
RGB	87, 121, 122
RGB Percent	34%, 47%, 48%
CMY	0.6588, 0.5255, 0.5216
CMYK	0.29, 0.01, 0.00, 0.52
HSL	182°, 17%, 41%
HSV	182°, 29%, 48%
XYZ	14.2807, 17.1061, 20.9615
YIQ	110.9480, -20.5850, -6.8970

# Conversions

## Conversions Part 2

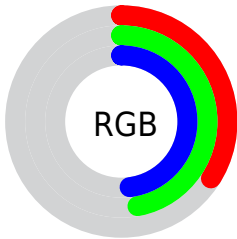
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 104, 122
Decimal	5732730
CIE <sub>Lab</sub>	48.39, -11.75, -4.46
CIE <sub>LCh</sub>	48, 12.565, 200.789
Yxy	17.1061, 0.2728, 0.3268
Android (android.graphics.Color)	4283922810 (0xFF57797A)
YUV	110.9480, 5.4486, -21.0024
Hunter-Lab	41.3595, -10.7464, -1.0972

# Details

The Hex color **57797A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5857**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8AADA E**, and **274849** is the 20% darker color. If you saturate the color by 10%, you get **4B797A**, and if you desaturate by 10%, it is **63797A**.

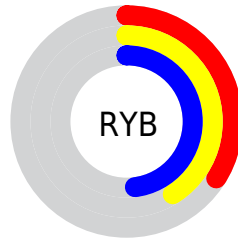
# Distribution



Red (34%)

Green (47%)

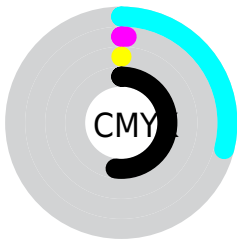
Blue (48%)



Red (34%)

Yellow (41%)

Blue (48%)

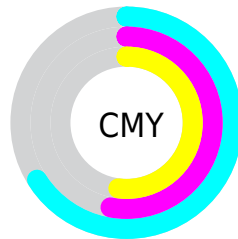


Cyan (29%)

Magenta (1%)

Yellow (0%)

Black (52%)



Cyan (66%)

Magenta (53%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57797A 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 57797A by changing the saturation by 10% instead.





57797A



57797A

FFFFFF



3F6061



8AADA E



274849



A5C9CA



103233



C0E5E6



001D1E



DCFFFF



000004



F9FFFF



000000



57797A



57797A



4B797A



63797A



3F787A



6F7A7A

■ 32787A

■ 7C7A7A

■ 26787A

■ 887A7A

■ 1A777A

■ 947B7A

■ 0E777A

■ A07B7A

■ 02777A

■ AC7B7A

■ 00777A

■ B97C7A

■ C57C7A

# Harmonies

## Analogous

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



5D796F



57797A



597883

# Triad

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



57797A



7E6E80



7E715E

# Complementary

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



57797A



7A5857

# 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.



866E63



57797A



866C77

# Square

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



57797A



717187



896C6C



73755F

# Rectangle

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



57797A



5F7687



896C6C



82705F



# Sweetspot

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



57797A



909E9E



577A58



464F4F



CFCFCF



4F4F4F



# Same Dimension

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



57797A



689D9E



57687A



373D3D



00797D



00F5FC



# Inverse Universe

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



7A5779



9E689D



7A6957



3D373D



7D0079



FC00F5



# Previews

## White Background



This preview shows how the Hex color 57797A looks on a white background.

## Color Contrast Check

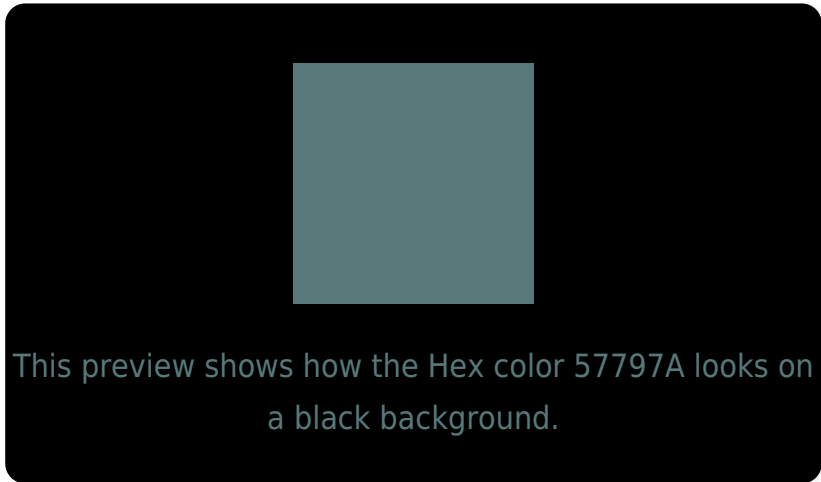
Large Text (above 18pt) WCAG AA ✓ Pass

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

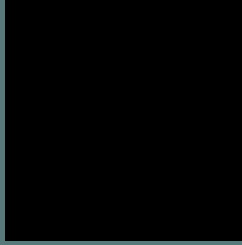
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

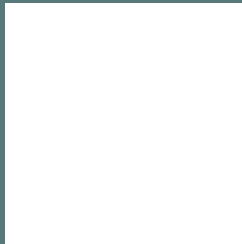
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57797A Background



This preview shows how black text looks on a background with the Hex color 57797A.



This preview shows how white text looks on a background with the Hex color 57797A.

# 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**  
57797A

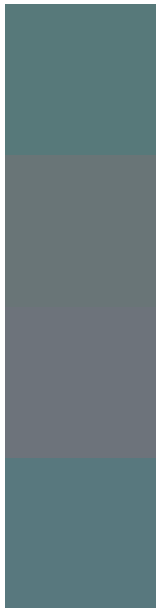
**Protanopia**  
747276

**Deuteranopia**  
796F7C



**Tritanopia**  
597881

# Trichromacy



**Original Color**  
57797A

**Protanomaly**  
697577

**Deuteranomaly**  
6D737B

**Tritanomaly**  
58787E

# Monochromacy



**Original Color**  
57797A

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
667373

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57797A 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 #57797A looks like.

```
.text, #text, p{  
    color:#57797A  
}
```

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 #57797A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57797A
}
```

## Border

The CSS property to change the border of an element to Hex 57797A 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
#57797A }
```

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

```
.border{ border-color:#57797A }
```

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

Here you see how a box with a 4 pixel #57797A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57797A; -webkit-box-shadow:4px 4px  
4px 4px #57797A; box-shadow:4px 4px 4px  
4px #57797A }
```

# Background

The CSS property to change the background color of an element to Hex 57797A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57797A }
```

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

```
.background{ background-color:#57797A }
```

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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