

# Converting Colors

Hex(585C7A)

Have a look what the booklet for  
Hex(585C7A) contains.

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# Color

Hex(585C7A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	585C7A
RGB	88, 92, 122
RGB Percent	35%, 36%, 48%
CMY	0.6549, 0.6392, 0.5216
CMYK	0.28, 0.25, 0.00, 0.52
HSL	233°, 16%, 41%
HSV	233°, 28%, 48%
XYZ	11.3645, 11.1341, 19.9625
YIQ	94.2240, -12.0140, 8.4820

# Conversions

## Conversions Part 2

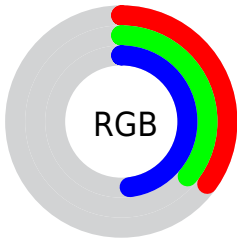
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	88, 92, 122
Decimal	5790842
CIE Lab	39.81, 5.78, -17.40
CIE LCh	40, 18.338, 288.384
Yxy	11.1341, 0.2676, 0.2622
Android (android.graphics.Color)	4283980922 (0xFF585C7A)
YUV	94.2240, 13.6936, -5.4584
Hunter-Lab	33.3679, 2.4002, -12.1130

# Details

The Hex color **585C7A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7A7658**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8B8EAE**, and **292E49** is the 20% darker color. If you saturate the color by 10%, you get **4C517A**, and if you desaturate by 10%, it is **64677A**.

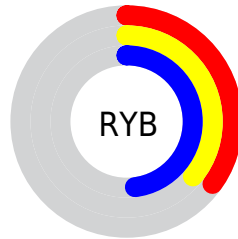
# Distribution



Red (35%)

Green (36%)

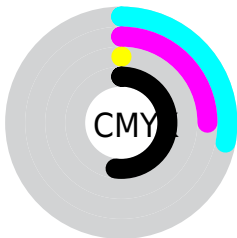
Blue (48%)



Red (35%)

Yellow (36%)

Blue (48%)

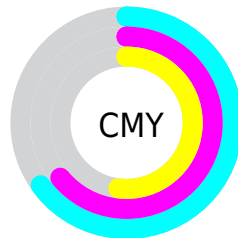


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (52%)



Cyan (65%)

Magenta (64%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 585C7A 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 585C7A by changing the saturation by 10% instead.





585C7A



585C7A

FFFFFF



404561



8B8EAE



292E49



A5A9CA



131A33



C0C4E6



00001E



DDE0FF



000000



F9FCFF



585C7A



585C7A



4C517A



64677A



40467A



70727A

■ 333C7A

■ 7D7C7A

■ 27317A

■ 89877A

■ 1B267A

■ 95927A

■ 0F1B7A

■ A19D7A

■ 03117A

■ ADA77A

■ 000E7A

■ BAB27A

■ C6BD7A

# Harmonies

## Analogous

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



42617B



585C7A



6B5772

# Triad

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



585C7A



785648



3D6657

# Complementary

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



585C7A



7A7658

# 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.



4E644A



585C7A



6E5B41

# Square

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



585C7A



7C5355



5F6041



316667

# Rectangle

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



585C7A



745469



5F6041



436552



# Sweetspot

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



585C7A



91939E



587A75



47484F



CFCFCF



4F4F4F



# Same Dimension

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



585C7A



6A709E



64587A



37383D



000F7D



001EFC



# Inverse Universe

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



7A585C



9E6A70



6E7A58



3D3738



7D000F



FC001E



# Previews

## White Background



This preview shows how the Hex color 585C7A looks on a white background.

## Color Contrast Check

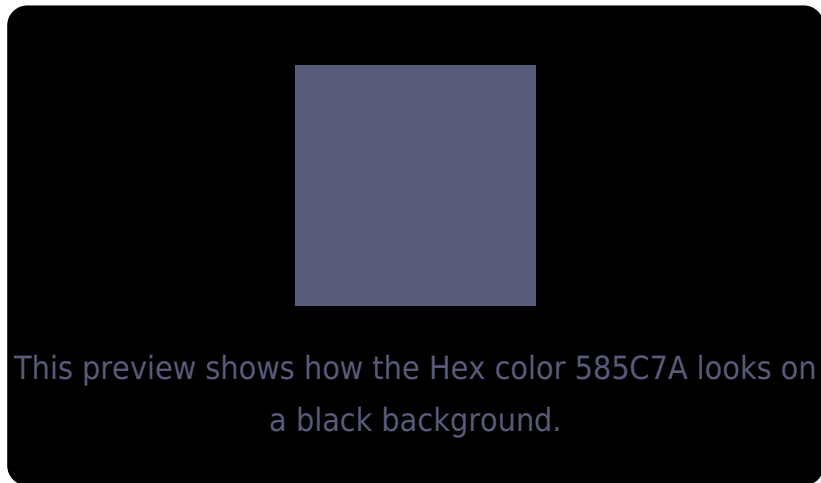
Large Text (above 18pt) WCAG AA ✓ Pass

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

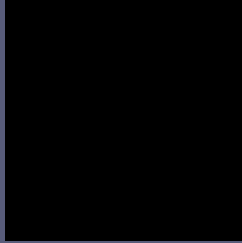
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 585C7A Background



This preview shows how black text looks on a background with the Hex color 585C7A.

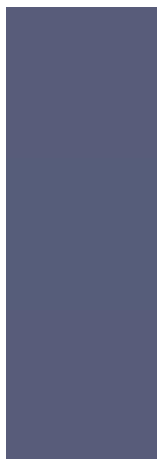


This preview shows how white text looks on a background with the Hex color 585C7A.

# 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**  
585C7A

**Protanopia**  
565D7A

**Deuteranopia**  
585C7A



**Tritanopia**  
545F67

# Trichromacy



**Original Color**  
585C7A

**Protanomaly**  
575D7A

**Deuteranomaly**  
585C7A

**Tritanomaly**  
555E6E

# Monochromacy



**Original Color**  
585C7A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5C5D68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 585C7A 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 #585C7A looks like.

```
.text, #text, p{  
    color:#585C7A  
}
```

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 #585C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585C7A
}
```

## Border

The CSS property to change the border of an element to Hex 585C7A 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
#585C7A }
```

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

```
.border{ border-color:#585C7A }
```

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

Here you see how a box with a 4 pixel #585C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585C7A; -webkit-box-shadow:4px 4px  
4px 4px #585C7A; box-shadow:4px 4px 4px  
4px #585C7A }
```

# Background

The CSS property to change the background color of an element to Hex 585C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585C7A }
```

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

```
.background{ background-color:#585C7A }
```

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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