

# Converting Colors

Hex(58687D)

Have a look what the booklet for  
Hex(58687D) contains.

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# Color

**Hex(58687D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58687D
RGB	88, 104, 125
RGB Percent	35%, 41%, 49%
CMY	0.6549, 0.5922, 0.5098
CMYK	0.30, 0.17, 0.00, 0.51
HSL	214°, 17%, 42%
HSV	214°, 30%, 49%
XYZ	12.6765, 13.4560, 21.3312
YIQ	101.6100, -16.2770, 3.1390

# Conversions

## Conversions Part 2

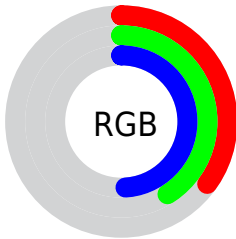
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 99, 125
Decimal	5793917
CIE <sub>Lab</sub>	43.44, -0.76, -13.67
CIE <sub>LCh</sub>	43, 13.692, 266.830
Yxy	13.4560, 0.2671, 0.2835
Android (android.graphics.Color)	4283983997 (0xFF58687D)
YUV	101.6100, 11.5313, -11.9360
Hunter-Lab	36.6824, -2.5093, -8.8000

# Details

The Hex color **58687D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D6D58**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8B9BB2**, and **29394C** is the 20% darker color. If you saturate the color by 10%, you get **4C617D**, and if you desaturate by 10%, it is **656F7D**.

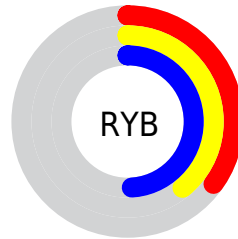
# Distribution



Red (35%)

Green (41%)

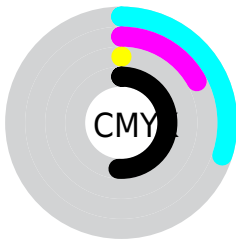
Blue (49%)



Red (35%)

Yellow (39%)

Blue (49%)

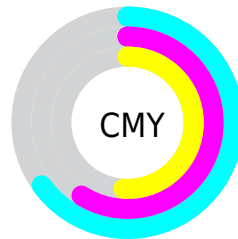


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (59%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58687D 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 58687D by changing the saturation by 10% instead.



■ 58687D

■ 58687D

FFFFFF

■ 405064

■ 8B9BB2

■ 29394C

■ A5B6CD

■ 122435

■ C1D1E9

■ 000E20

■ DDEEFF

■ 000006

■ F9FFFF

■ 000000

■ 58687D

■ 58687D

■ 4C617D

■ 656F7D

■ 3F5A7D

■ 71767D

■ 33537D

■ 7E7D7D

■ 264C7D

■ 8A847D

■ 1A457D

■ 968B7D

■ 0D3D7D

■ A3937D

■ 01367D

■ B09A7D

■ 00367D

■ BCA17D

■ C9A87D

# Harmonies

## Analogous

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



4C6B79



58687D



67647B

# Triad

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



58687D



7E5F5D



576C5A

# Complementary

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



58687D



7D6D58

# 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.



646952



58687D



7A6254

# Square

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



58687D



7C5F68



716550



4D6D65

# Rectangle

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



58687D



706276



716550



5C6B57



# Sweetspot

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



58687D



959BA3



587D6D



494D52



D1D1D1



525252



# Same Dimension

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



58687D



6882A3



5A587D



393C40



003780



000000



# Inverse Universe

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



7D5868



A36882



7B7D58



40393C



800037



000000



# Previews

## White Background



This preview shows how the Hex color 58687D looks on a white background.

## Color Contrast Check

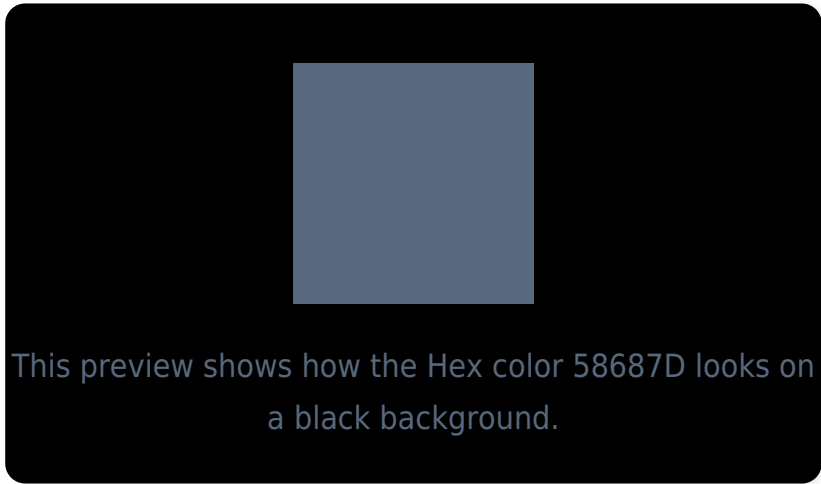
Large Text (above 18pt) WCAG AA ✓ Pass

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

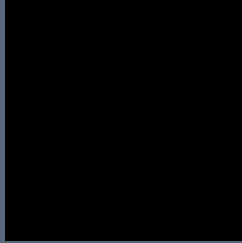
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

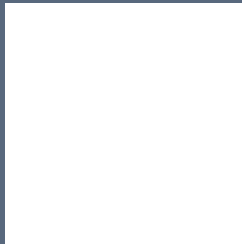
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 58687D Background



This preview shows how black text looks on a background with the Hex color 58687D.

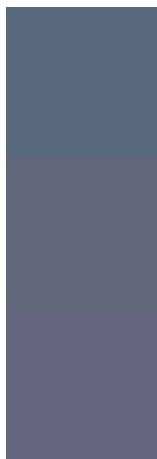


This preview shows how white text looks on a background with the Hex color 58687D.

# 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**

58687D

**Protanopia**

62667B

**Deuteranopia**

65647E



**Tritanopia**  
566A72

# Trichromacy



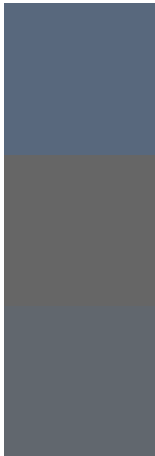
**Original Color**  
58687D

**Protanomaly**  
5E677C

**Deuteranomaly**  
60657E

**Tritanomaly**  
576976

# Monochromacy



**Original Color**  
58687D

**Achromatopsia**  
666666

**Achromatomaly**  
61676E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58687D 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 #58687D looks like.

```
.text, #text, p{  
    color:#58687D  
}
```

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 #58687D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58687D
}
```

## Border

The CSS property to change the border of an element to Hex 58687D 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
#58687D }
```

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

```
.border{ border-color:#58687D }
```

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

Here you see how a box with a 4 pixel #58687D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58687D; -webkit-box-shadow:4px 4px  
4px 4px #58687D; box-shadow:4px 4px 4px  
4px #58687D }
```

# Background

The CSS property to change the background color of an element to Hex 58687D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58687D }
```

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

```
.background{ background-color:#58687D }
```

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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