

Converting Colors

Hex(58787D)

Have a look what the booklet for
Hex(58787D) contains.

Hex(58787D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(58787D)

Conversions

Conversions Part 1

Format	Color
Hex	58787D
RGB	88, 120, 125
RGB Percent	35%, 47%, 49%
CMY	0.6549, 0.5294, 0.5098
CMYK	0.30, 0.04, 0.00, 0.51
HSL	188°, 17%, 42%
HSV	188°, 30%, 49%
XYZ	14.4426, 16.9883, 21.9199
YIQ	111.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

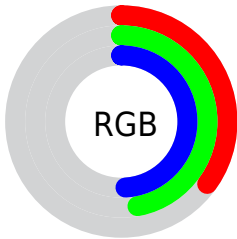
Format	Color
R_{YB}	88, 105, 125
Decimal	5798013
CIE _{Lab}	48.25, -10.11, -6.45
CIE _{LCh}	48, 11.989, 212.541
Yxy	16.9883, 0.2707, 0.3184
Android (android.graphics.Color)	4283988093 (0xFF58787D)
YUV	111.0020, 6.9010, -20.1728
Hunter-Lab	41.2169, -9.5821, -2.6797

Details

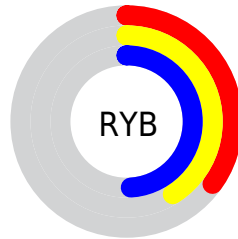
The Hex color **58787D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D5D58**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8BACB2**, and **28474C** is the 20% darker color. If you saturate the color by 10%, you get **4C767D**, and if you desaturate by 10%, it is **657A7D**.

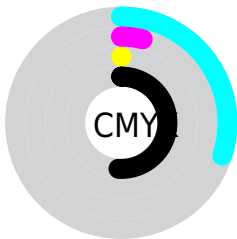
Distribution



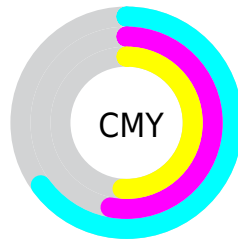
- Red (35%)
- Green (47%)
- Blue (49%)



- Red (35%)
- Yellow (41%)
- Blue (49%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (51%)



- Cyan (65%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58787D 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 58787D by changing the saturation by 10% instead.

■ 58787D

■ 58787D

FFFFFF

■ 405F64

■ 8BACB2

■ 28474C

■ A6C8CD

■ 113136

■ C1E4E9

■ 001C20

■ DDFFFF

■ 000008

■ FAFFFF

■ 000000

■ 58787D

■ 58787D

■ 4C767D

■ 657A7D

■ 3F757D

■ 717B7D

■ 33737D

■ 7E7D7D

■ 26717D

■ 8A7F7D

■ 1A707D

■ 96807D

■ 0D6E7D

■ A3827D

■ 016C7D

■ B0847D

■ 006C7D

■ BC867D

■ C9877D

Harmonies

Analogous

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



5B7873



58787D



5D7684

Triad

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



58787D



816D7C



7A725E

Complementary

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



58787D



7D5D58

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.



836F61



58787D



876C72

Square

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



58787D



767084



886C68



6E7561

Rectangle

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



58787D



647486



886C68



7D715F

Sweetspot

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



58787D



95A1A3



587D5D



495052



D1D1D1



525252

Same Dimension

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



58787D



689BA3



58667D



393F40



006E80



000000

Inverse Universe

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



7D5878



A3689B



7D6F58



40393F



80006E



000000

Previews

White Background



This preview shows how the Hex color 58787D looks on a white background.

Color Contrast Check

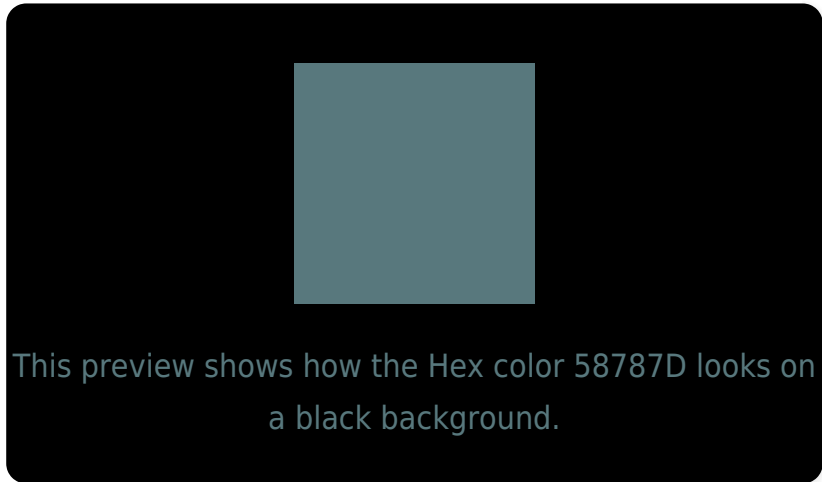
Large Text (above 18pt) WCAG AA ✓ Pass

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

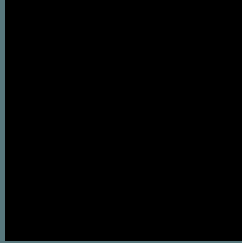
Any Text WCAG AA × Fail

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 58787D Background



This preview shows how black text looks on a background with the Hex color 58787D.



This preview shows how white text looks on a background with the Hex color 58787D.

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
58787D

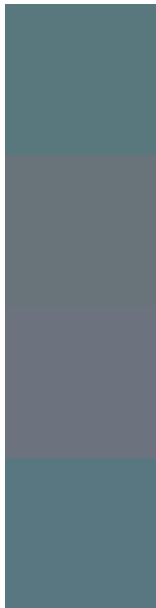
Protanopia
727179

Deuteranopia
776F7F



Tritanopia
597781

Trichromacy



Original Color
58787D

Protanomaly
69747A

Deuteranomaly
6C727E

Tritanomaly
597780

Monochromacy



Original Color
58787D

Achromatopsia
6F6F6F

Achromatomaly
677274

CSS Examples

Text

The CSS property to change the color of the text to Hex 58787D 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 #58787D looks like.

```
.text, #text, p{  
    color:#58787D  
}
```

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 #58787D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58787D
}
```

Border

The CSS property to change the border of an element to Hex 58787D 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
#58787D }
```

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

```
.border{ border-color:#58787D }
```

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

Here you see how a box with a 4 pixel #58787D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58787D; -webkit-box-shadow:4px 4px  
4px 4px #58787D; box-shadow:4px 4px 4px  
4px #58787D }
```

Background

The CSS property to change the background color of an element to Hex 58787D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58787D }
```

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

```
.background{ background-color:#58787D }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor