

Converting Colors

Hex(587D7B)

Have a look what the booklet for
Hex(587D7B) contains.

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Color

Hex(587D7B)

Conversions

Conversions Part 1

Format	Color
Hex	587D7B
RGB	88, 125, 123
RGB Percent	35%, 49%, 48%
CMY	0.6549, 0.5098, 0.5176
CMYK	0.30, 0.00, 0.02, 0.51
HSL	177°, 17%, 42%
HSV	177°, 30%, 49%
XYZ	14.9333, 18.1720, 21.4594
YIQ	113.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

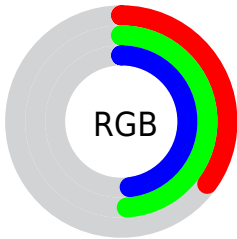
Format	Color
R_{YB}	88, 107, 125
Decimal	5799291
CIE _{Lab}	49.70, -13.41, -3.11
CIE _{LCh}	50, 13.762, 193.048
Yxy	18.1720, 0.2737, 0.3330
Android (android.graphics.Color)	4283989371 (0xFF587D7B)
YUV	113.7090, 4.5805, -22.5468
Hunter-Lab	42.6286, -12.0696, -0.0067

Details

The Hex color **587D7B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D585A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8BB2AF**, and **284C4A** is the 20% darker color. If you saturate the color by 10%, you get **4C7D7A**, and if you desaturate by 10%, it is **657D7C**.

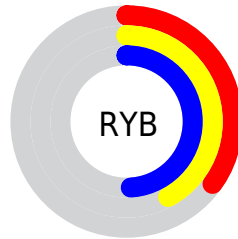
Distribution



 Red (35%)

 Green (49%)

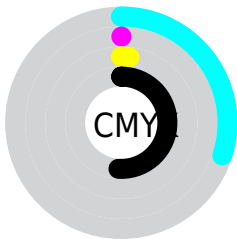
 Blue (48%)



 Red (35%)

 Yellow (42%)

 Blue (49%)

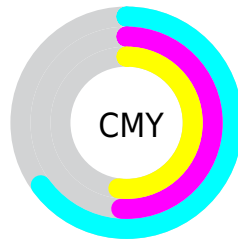


 Cyan (30%)


 Magenta (0%)

 Yellow (2%)

 Black (51%)



 Cyan (65%)

 Magenta (51%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587D7B 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 587D7B by changing the saturation by 10% instead.

■ 587D7B

■ 587D7B

FFFFFF

■ 406462

■ 8BB2AF

■ 284C4A

■ A6CDCB

■ 103534

■ C1E9E7

■ 00201F

■ DEFFFF

■ 000006

■ FAFFFF

■ 000000

■ 587D7B

■ 587D7B

■ 4C7D7A

■ 657D7C

■ 3F7D7A

■ 717D7C

■ 337D79

■ 7E7D7D

■ 267D78

■ 8A7D7E

■ 1A7D78

■ 967D7E

■ 0D7D77

■ A37D7F

■ 017D76

■ B07D80

■ 007D76

■ BC7D80

■ C97D81

Harmonies

Analogous

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



607C6F



587D7B



587C86

Triad

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



587D7B



7F7287



857360

Complementary

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



587D7B



7D585A

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.



8D7067



587D7B



8A6F7D

Square

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



587D7B



70758D



8F6E71



7A775F

Rectangle

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



587D7B



5D7A8B



8F6E71



897262

Sweetspot

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



587D7B



95A3A2



5A7D58



495251



D1D1D1



525252

Same Dimension

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



587D7B



68A3A0



586D7D



39403F



008079



000000

Inverse Universe

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



7D585A



A3686C



7D6858



40393A



800007



000000

Previews

White Background



This preview shows how the Hex color 587D7B 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

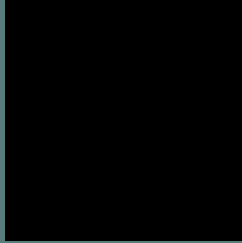
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 587D7B Background



This preview shows how black text looks on a background with the Hex color 587D7B.



This preview shows how white text looks on a background with the Hex color 587D7B.

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](#).

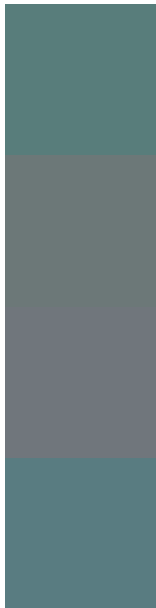
Dichromacy





Tritanopia
5A7B85

Trichromacy



Original Color
587D7B

Protanomaly
6C7878

Deuteranomaly
70767C

Tritanomaly
597C81

Monochromacy



Original Color
587D7B

Achromatopsia
727272

Achromatomaly
697675

CSS Examples

Text

The CSS property to change the color of the text to Hex 587D7B 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 #587D7B looks like.

```
.text, #text, p{  
    color:#587D7B  
}
```

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 #587D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587D7B
}
```

Border

The CSS property to change the border of an element to Hex 587D7B 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
#587D7B }
```

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

```
.border{ border-color:#587D7B }
```

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

Here you see how a box with a 4 pixel #587D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587D7B; -webkit-box-shadow:4px 4px  
4px 4px #587D7B; box-shadow:4px 4px 4px  
4px #587D7B }
```

Background

The CSS property to change the background color of an element to Hex 587D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587D7B }
```

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

```
.background{ background-color:#587D7B }
```

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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