

Converting Colors

Hex(578D7A)

Have a look what the booklet for
Hex(578D7A) contains.

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Color

Hex(578D7A)

Conversions

Conversions Part 1

Format	Color
Hex	578D7A
RGB	87, 141, 122
RGB Percent	34%, 55%, 48%
CMY	0.6588, 0.4471, 0.5216
CMYK	0.38, 0.00, 0.13, 0.45
HSL	159°, 24%, 45%
HSV	159°, 38%, 55%
XYZ	16.9682, 22.4811, 21.8573
YIQ	122.6880, -26.0850, -17.3570

Conversions

Conversions Part 2

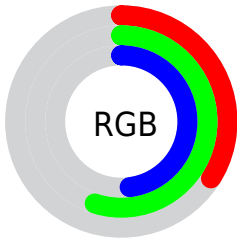
Format	Color
RYB	87, 120, 141
Decimal	5737850
CIELab	54.53, -22.49, 4.50
CIElCh	55, 22.935, 168.672
Yxy	22.4811, 0.2768, 0.3667
Android (android.graphics.Color)	4283927930 (0xFF578D7A)
YUV	122.6880, -0.3392, -31.2984
Hunter-Lab	47.4143, -19.0949, 5.8581

Details

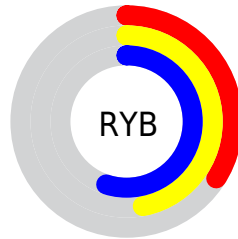
The Hex color **578D7A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D576A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **8BC3AE**, and **255A49** is the 20% darker color. If you saturate the color by 10%, you get **498D75**, and if you desaturate by 10%, it is **658D7F**.

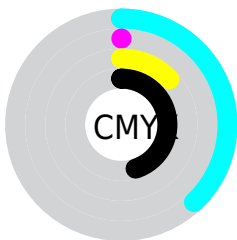
Distribution



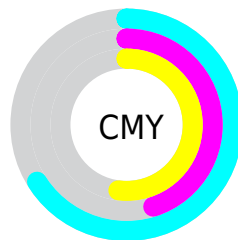
- Red (34%)
- Green (55%)
- Blue (48%)



- Red (34%)
- Yellow (47%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (45%)



- Cyan (66%)
- Magenta (45%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578D7A 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 578D7A by changing the saturation by 10% instead.

■ 578D7A

■ 578D7A

FFFFFF

■ 3E7361

■ 8BC3AE

■ 255A49

■ A6DFCA

■ 084333

■ C2FCE6

■ 002C1E

■ DEFFFF

■ 001905

■ FBFFFF

■ 000000

■ 578D7A

■ 578D7A

■ 498D75

■ 658D7F

■ 3B8D70

■ 738D84

 2D8D6B

 818D89

 1F8D66

 8F8D8E

 118D61

 9E8D93

 028D5C

 AC8D98

 008D5B

 BA8D9D

 C88DA2

 D68DA7

Harmonies

Analogous

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



6D8A68



578D7A



478D8E

Triad

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



578D7A



7B80A8



A57866

Complementary

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



578D7A



8D576A

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.



AB7477



578D7A



94799D

Square

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



578D7A



5F87A9



A5758B



987F5C

Rectangle

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



578D7A



468C9B



A5758B



A8776B

Sweetspot

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



578D7A



A3B8B0



6B8D57



505C58



DBDBDB



5C5C5C

Same Dimension

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



578D7A



63B89A



57868D



404745



008758



000805

Inverse Universe

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



8D576A



B86381



8D5E57



474043



870030



080003

Previews

White Background



This preview shows how the Hex color 578D7A looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

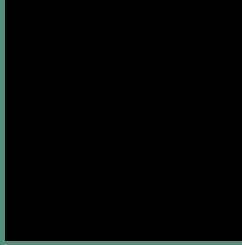
Any Text WCAG AA ✓ Pass

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 578D7A Background



This preview shows how black text looks on a background with the Hex color 578D7A.

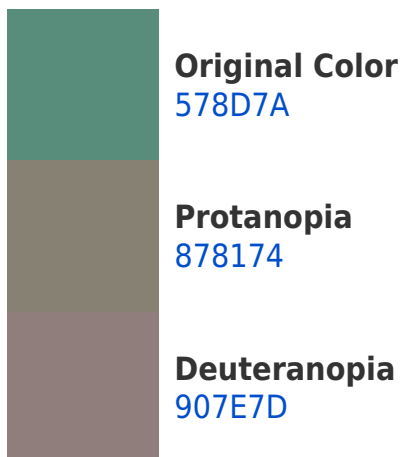



This preview shows how white text looks on a background with the Hex color 578D7A.

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](#).

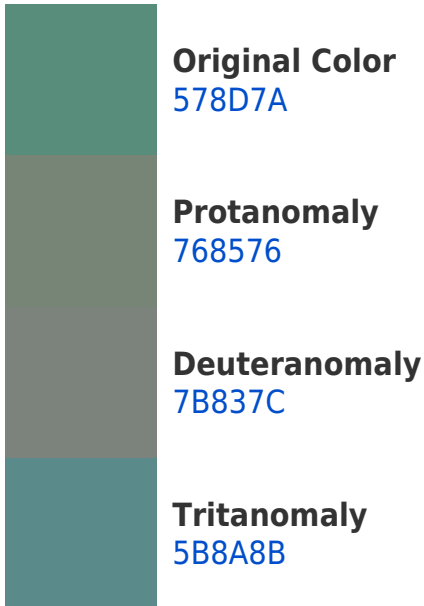
Dichromacy



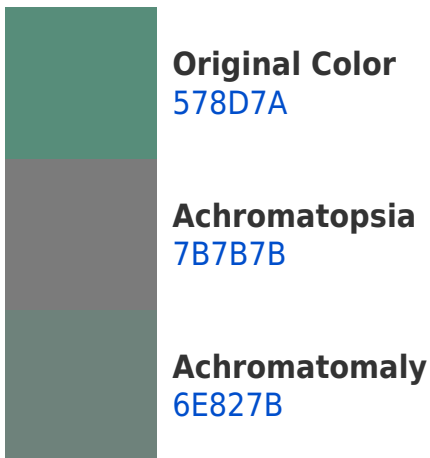


Tritanopia
5D8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 578D7A 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 #578D7A looks like.

```
.text, #text, p{  
    color:#578D7A  
}
```

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 #578D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578D7A
}
```

Border

The CSS property to change the border of an element to Hex 578D7A 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
#578D7A }
```

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

```
.border{ border-color:#578D7A }
```

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

Here you see how a box with a 4 pixel #578D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578D7A; -webkit-box-shadow:4px 4px  
4px 4px #578D7A; box-shadow:4px 4px 4px  
4px #578D7A }
```

Background

The CSS property to change the background color of an element to Hex 578D7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578D7A }
```

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

```
.background{ background-color:#578D7A }
```

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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