

Converting Colors

Hex(577C80)

Have a look what the booklet for
Hex(577C80) contains.

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Color

Hex(577C80)

Conversions

Conversions Part 1

Format	Color
Hex	577C80
RGB	87, 124, 128
RGB Percent	34%, 49%, 50%
CMY	0.6588, 0.5137, 0.4980
CMYK	0.32, 0.03, 0.00, 0.50
HSL	186°, 19%, 42%
HSV	186°, 32%, 50%
XYZ	15.0344, 18.0001, 23.1040
YIQ	113.3930, -23.3360, -6.6000

Conversions

Conversions Part 2

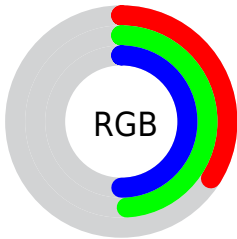
Format	Color
R_{YB}	87, 106, 128
Decimal	5733504
CIE _{Lab}	49.50, -11.90, -6.37
CIE _{LCh}	49, 13.499, 208.139
Yxy	18.0001, 0.2678, 0.3206
Android (android.graphics.Color)	4283923584 (0xFF577C80)
YUV	113.3930, 7.2013, -23.1467
Hunter-Lab	42.4265, -10.9923, -2.5888

Details

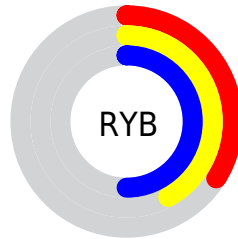
The Hex color **577C80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **805B57**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8AB1B5**, and **274B4F** is the 20% darker color. If you saturate the color by 10%, you get **4A7B80**, and if you desaturate by 10%, it is **647D80**.

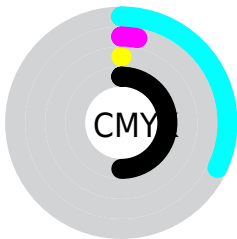
Distribution



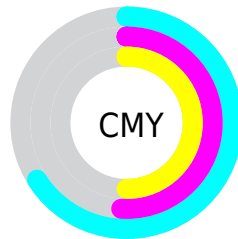
- Red (34%)
- Green (49%)
- Blue (50%)



- Red (34%)
- Yellow (42%)
- Blue (50%)



- Cyan (32%)
- Magenta (3%)
- Yellow (0%)
- Black (50%)



- Cyan (66%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 577C80 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 577C80 by changing the saturation by 10% instead.

■ 577C80

■ 577C80

FFFFFF

■ 3F6367

■ 8AB1B5

■ 274B4F

■ A5CCD0

■ 0E3438

■ C1E8ED

■ 001F23

■ DDFFFF

■ 00010D

■ FAFFFF

■ 000000

■ 577C80

■ 577C80

■ 4A7B80

■ 647D80

■ 3D7A80

■ 717E80

■ 317880

■ 7D8080

■ 247780

■ 8A8180

■ 177680

■ 978280

■ 0A7580

■ A48380

■ 007480

■ B18580

■ BD8680

■ CA8780

Harmonies

Analogous

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



5B7C75



577C80



5C7A89

Triad

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



577C80



847082



7F755F

Complementary

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



577C80



805B57

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.



897163



577C80



8C6E77

Square

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



577C80



77738A



8E6E6B



737861

Rectangle

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



577C80



63788C



8E6E6B



837360

Sweetspot

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



577C80



95A4A6



57805A



4A5354



D4D4D4



545454

Same Dimension

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



577C80



67A0A6



576880



393F40



007380



000000

Inverse Universe

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



80577C



A667A0



806F57



40393F



800073



000000

Previews

White Background



This preview shows how the Hex color 577C80 looks on a white background.

Color Contrast Check

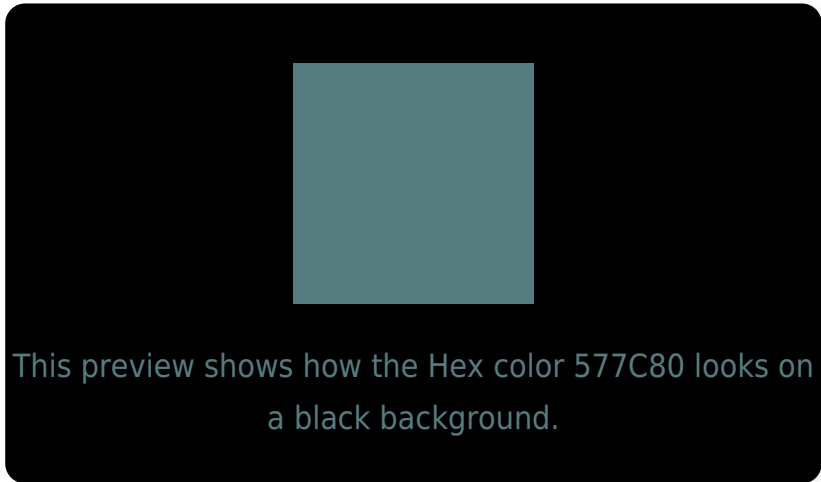
Large Text (above 18pt) WCAG AA ✓ Pass

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

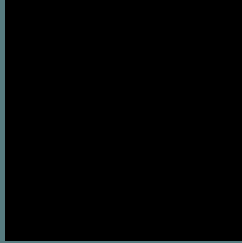
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

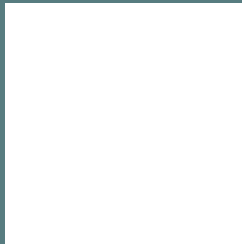
Any Text WCAG AAA × Fail

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

Hex 577C80 Background



This preview shows how black text looks on a background with the Hex color 577C80.

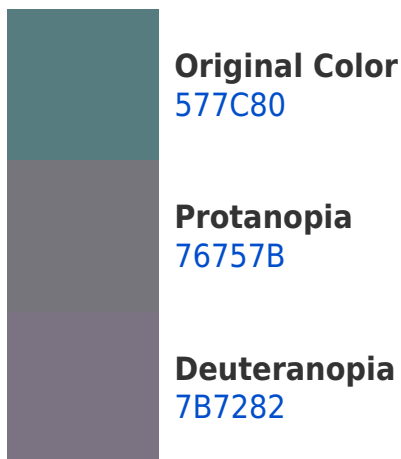


This preview shows how white text looks on a background with the Hex color 577C80.

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](#).

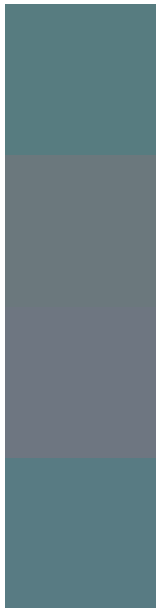
Dichromacy





Tritanopia
587B85

Trichromacy



Original Color
577C80

Protanomaly
6B787D

Deuteranomaly
6E7681

Tritanomaly
587B83

Monochromacy



Original Color
577C80

Achromatopsia
717171

Achromatomaly
687576

CSS Examples

Text

The CSS property to change the color of the text to Hex 577C80 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 #577C80 looks like.

```
.text, #text, p{  
    color:#577C80  
}
```

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 #577C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577C80
}
```

Border

The CSS property to change the border of an element to Hex 577C80 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
#577C80 }
```

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

```
.border{ border-color:#577C80 }
```

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

Here you see how a box with a 4 pixel #577C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577C80; -webkit-box-shadow:4px 4px  
4px 4px #577C80; box-shadow:4px 4px 4px  
4px #577C80 }
```

Background

The CSS property to change the background color of an element to Hex 577C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577C80 }
```

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

```
.background{ background-color:#577C80 }
```

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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