

Converting Colors

Hex(577A78)

Have a look what the booklet for
Hex(577A78) contains.

Hex(577A78)	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(577A78)

Conversions

Conversions Part 1

Format	Color
Hex	577A78
RGB	87, 122, 120
RGB Percent	34%, 48%, 47%
CMY	0.6588, 0.5216, 0.5294
CMYK	0.29, 0.00, 0.02, 0.52
HSL	177°, 17%, 41%
HSV	177°, 29%, 48%
XYZ	14.2802, 17.3014, 20.3562
YIQ	111.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

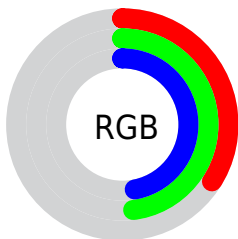
Format	Color
R_{YB}	87, 105, 122
Decimal	5732984
CIE _{Lab}	48.64, -12.80, -2.92
CIE _{LCh}	49, 13.130, 192.833
Y _{xy}	17.3014, 0.2749, 0.3331
Android (android.graphics.Color)	4283923064 (0xFF577A78)
YUV	111.3070, 4.2856, -21.3172
Hunter-Lab	41.5949, -11.5093, 0.1005

Details

The Hex color **577A78** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5759**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8AAEAC**, and **274948** is the 20% darker color. If you saturate the color by 10%, you get **4B7A77**, and if you desaturate by 10%, it is **637A79**.

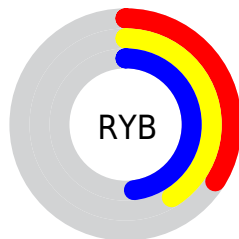
Distribution



Red (34%)

Green (48%)

Blue (47%)



Red (34%)

Yellow (41%)

Blue (48%)

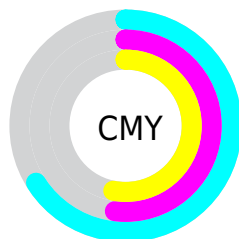


Cyan (29%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (66%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 577A78 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 577A78 by changing the saturation by 10% instead.

■ 577A78

■ 577A78

FFFFFF

■ 3F615F

■ 8AAEAC

■ 274948

■ A5CAC8

■ 103331

■ C0E6E4

■ 001E1C

■ DCFFFF

■ 000001

■ F9FFFF

■ 000000

■ 577A78

■ 577A78

■ 4B7A77

■ 637A79

■ 3F7A77

■ 6F7A79

■ 327A76

■ 7C7A7A

■ 267A75

■ 887A7B

■ 1A7A75

■ 947A7B

■ 0E7A74

■ A07A7C

■ 027A73

■ AC7A7D

■ 007A73

■ B97A7E

■ C57A7E

Harmonies

Analogous

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



5F796D



577A78



577982

Triad

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



577A78



7B6F84



82715F

Complementary

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



577A78



7A5759

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.



896D65



577A78



866C7A

Square

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



577A78



6D7389



8B6C6F



77745E

Rectangle

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



577A78



5C7787



8B6C6F



856F60

Sweetspot

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



577A78



909E9D



597A57



464F4F



CFCFCF



4F4F4F

Same Dimension

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



577A78



689E9B



576B7A



373D3D



007D76



00FCEE

Inverse Universe

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



7A5759



9E686B



7A6657



3D3737



7D0007



FC000E

Previews

White Background



This preview shows how the Hex color 577A78 looks on a white background.

Color Contrast Check

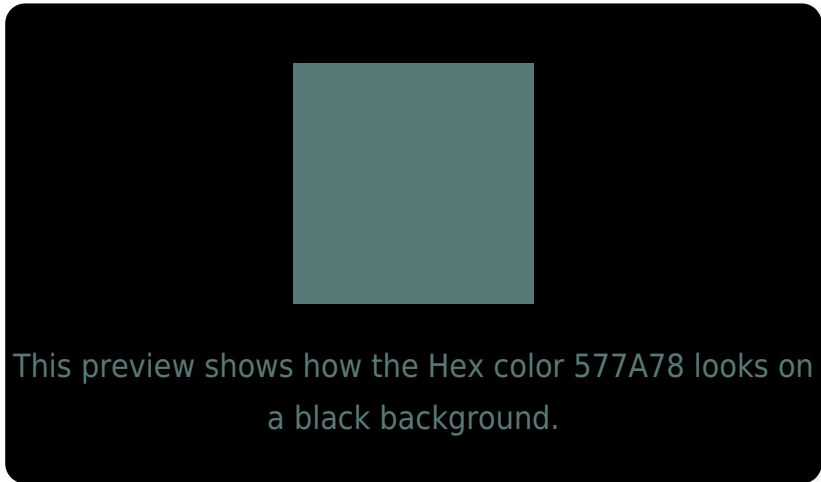
Large Text (above 18pt) WCAG AA ✓ Pass

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

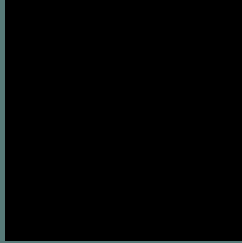
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

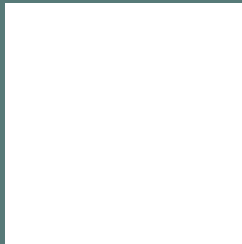
Any Text WCAG AAA × Fail

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

Hex 577A78 Background



This preview shows how black text looks on a background with the Hex color 577A78.

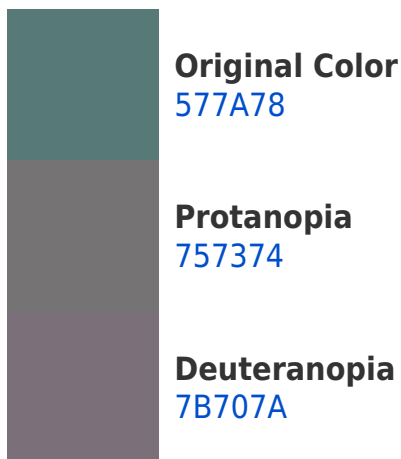


This preview shows how white text looks on a background with the Hex color 577A78.

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](#).

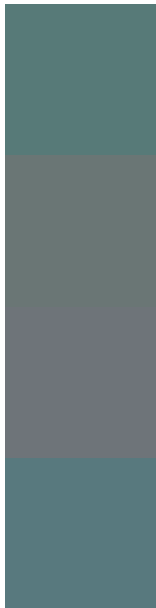
Dichromacy





Tritanopia
597882

Trichromacy



Original Color
577A78

Protanomaly
6A7675

Deuteranomaly
6E7479

Tritanomaly
58797E

Monochromacy



Original Color
577A78

Achromatopsia
6F6F6F

Achromatomaly
667372

CSS Examples

Text

The CSS property to change the color of the text to Hex 577A78 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 #577A78 looks like.

```
.text, #text, p{  
    color:#577A78  
}
```

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 #577A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577A78
}
```

Border

The CSS property to change the border of an element to Hex 577A78 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
#577A78 }
```

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

```
.border{ border-color:#577A78 }
```

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

Here you see how a box with a 4 pixel #577A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577A78; -webkit-box-shadow:4px 4px  
4px 4px #577A78; box-shadow:4px 4px 4px  
4px #577A78 }
```

Background

The CSS property to change the background color of an element to Hex 577A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577A78 }
```

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

```
.background{ background-color:#577A78 }
```

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