

Converting Colors

Hex(587A9E)

Have a look what the booklet for
Hex(587A9E) contains.

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Color

Hex(587A9E)

Conversions

Conversions Part 1

Format	Color
Hex	587A9E
RGB	88, 122, 158
RGB Percent	35%, 48%, 62%
CMY	0.6549, 0.5216, 0.3804
CMYK	0.44, 0.23, 0.00, 0.38
HSL	211°, 28%, 48%
HSV	211°, 44%, 62%
XYZ	17.1556, 18.4624, 35.0072
YIQ	115.9380, -31.8200, 3.9880

Conversions

Conversions Part 2

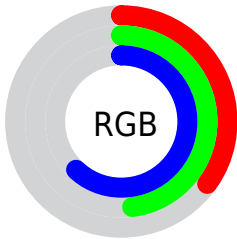
Format	Color
R _Y B	88, 111, 158
Decimal	5798558
CIE Lab	50.05, -2.14, -23.13
CIE LCh	50, 23.229, 264.719
Yxy	18.4624, 0.2429, 0.2614
Android (android.graphics.Color)	4283988638 (0xFF587A9E)
YUV	115.9380, 20.7366, -24.5016
Hunter-Lab	42.9679, -3.9249, -18.2277

Details

The Hex color **587A9E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E7C58**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8DAED5**, and **244A6A** is the 20% darker color. If you saturate the color by 10%, you get **48729E**, and if you desaturate by 10%, it is **68829E**.

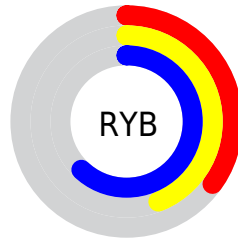
Distribution



Red (35%)

Green (48%)

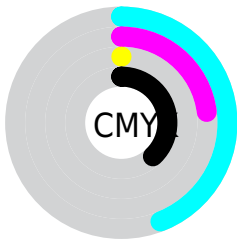
Blue (62%)



Red (35%)

Yellow (44%)

Blue (62%)

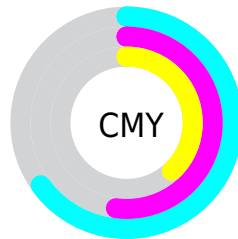


Cyan (44%)

Magenta (23%)

Yellow (0%)

Black (38%)



Cyan (65%)

Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587A9E 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 587A9E by changing the saturation by 10% instead.

■ 587A9E

■ 587A9E

FFFFFF

■ 3E6184

■ 8DAED5

■ 244A6A

■ A8CAF1

■ 013352

■ C4E6FF

■ 001E3B

■ E1FFFF

■ 000325

FEFFFF

■ 00010E

■ 000000

■ 587A9E

■ 587A9E

■ 48729E

■ 68829E

■ 386A9E

■ 788A9E

■ 29629E

■ 87929E

■ 19599E

■ 979B9E

■ 09519E

■ A7A39E

■ 004D9E

■ B7AB9E

■ C7B39E

■ D6BB9E

■ E6C39E

Harmonies

Analogous

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



3F7F97



587A9E



75739B

Triad

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



587A9E



9E6968



5D7F60

Complementary

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



587A9E



9E7C58

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.



747B53



587A9E



976E58

Square

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



587A9E



9B697B



887550



478273

Rectangle

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



587A9E



866F93



887550



657E5A

Sweetspot

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



587A9E



B4C1CF



589E7B



586069



E8E8E8



696969

Same Dimension

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



587A9E



6196CF



58589E



474B4F



00458F



00070F

Inverse Universe

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



9E587A



CF6196



9E9E58



4F474B



8F0045



0F0007

Previews

White Background



This preview shows how the Hex color 587A9E looks on a white background.

Color Contrast Check

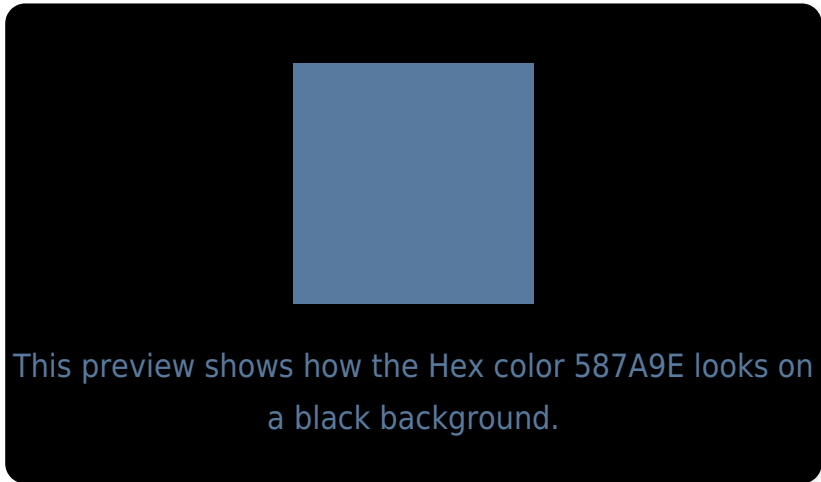
Large Text (above 18pt) WCAG AA ✓ Pass

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

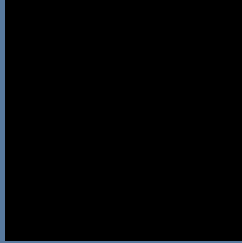
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

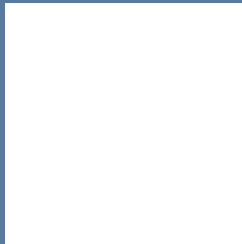
Any Text WCAG AAA × Fail

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

Hex 587A9E Background



This preview shows how black text looks on a background with the Hex color 587A9E.

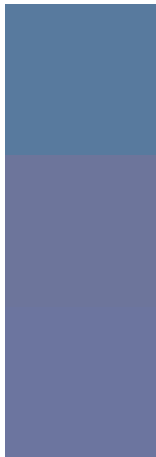


This preview shows how white text looks on a background with the Hex color 587A9E.

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
587A9E

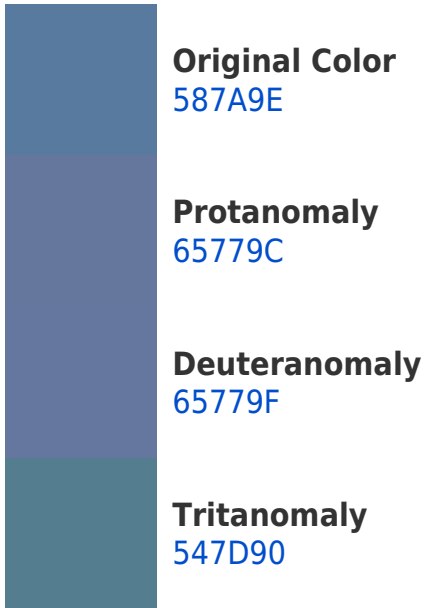
Protanopia
6D759B

Deuteranopia
6C759F



Tritanopia
527E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 587A9E 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 #587A9E looks like.

```
.text, #text, p{  
    color:#587A9E  
}
```

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 #587A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587A9E
}
```

Border

The CSS property to change the border of an element to Hex 587A9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

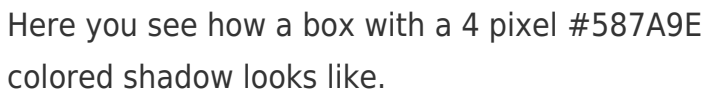
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#587A9E }
```

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

```
.border{ border-color:#587A9E }
```

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



Here you see how a box with a 4 pixel #587A9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587A9E; -webkit-box-shadow:4px 4px  
4px 4px #587A9E; box-shadow:4px 4px 4px  
4px #587A9E }
```

Background

The CSS property to change the background color of an element to Hex 587A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587A9E }
```

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

```
.background{ background-color:#587A9E }
```

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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