

Converting Colors

Hex(579D8B)

Have a look what the booklet for
Hex(579D8B) contains.

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Color

Hex(579D8B)

Conversions

Conversions Part 1

Format	Color
Hex	579D8B
RGB	87, 157, 139
RGB Percent	34%, 62%, 55%
CMY	0.6588, 0.3843, 0.4549
CMYK	0.45, 0.00, 0.11, 0.38
HSL	165°, 29%, 48%
HSV	165°, 45%, 62%
XYZ	20.6477, 28.0043, 28.7432
YIQ	134.0180, -35.9420, -20.4380

Conversions

Conversions Part 2

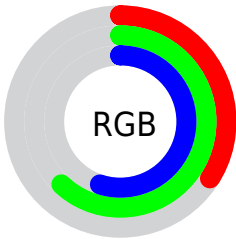
Format	Color
RYB	87, 127, 157
Decimal	5741963
CIELab	59.89, -26.55, 2.55
CIElCh	60, 26.674, 174.513
Yxy	28.0043, 0.2668, 0.3618
Android (android.graphics.Color)	4283932043 (0xFF579D8B)
YUV	134.0180, 2.4561, -41.2348
Hunter-Lab	52.9191, -22.9622, 4.8397

Details

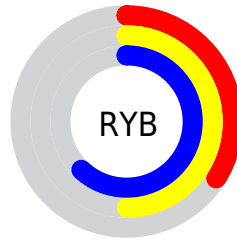
The Hex color **579D8B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D5769**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8DD4C0**, and **206959** is the 20% darker color. If you saturate the color by 10%, you get **479D87**, and if you desaturate by 10%, it is **679D8F**.

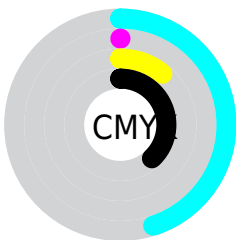
Distribution



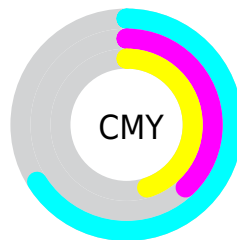
- Red (34%)
- Green (62%)
- Blue (55%)



- Red (34%)
- Yellow (50%)
- Blue (62%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (66%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 579D8B 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 579D8B by changing the saturation by 10% instead.

 579D8B

 579D8B

FFFFFF

 3C8372

 8DD4C0

 206959

 A8F0DC

 005142

 C4FFF9

 00392C

 E1FFFF

 002417

FEFFFF

 000000

 579D8B

 579D8B

 479D87

 679D8F

 389D83

 769D93

■ 289D7F

■ 869D97

■ 189D7B

■ 969D9B

■ 089D77

■ A59D9F

■ 009D75

■ B59DA3

■ C59DA7

■ D59DAB

■ E49DAF

Harmonies

Analogous

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



729A74



579D8B



459DA3

Triad

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



579D8B



8E8CBB



B7856B

Complementary

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



579D8B



9D5769

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.



BF807E



579D8B



AA84AC

Square

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



579D8B



6B94BF



BB7F96



A58D62

Rectangle

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



579D8B



479BB0



BB7F96



BB8370

Sweetspot

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



579D8B



B1CCC5



6A9D57



566662



E6E6E6



666666

Same Dimension

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



579D8B



5ECCB0



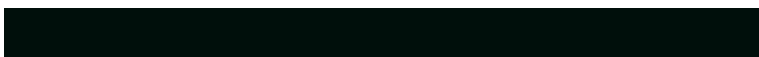
578D9D



474F4D



008F6A



000F0B

Inverse Universe

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



9D5769



CC5E7A



9D6757



4F4749



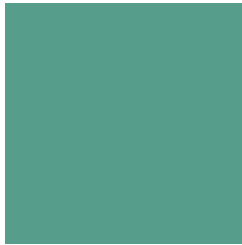
8F0025



0F0004

Previews

White Background



This preview shows how the Hex color 579D8B looks on a white background.

Color Contrast Check

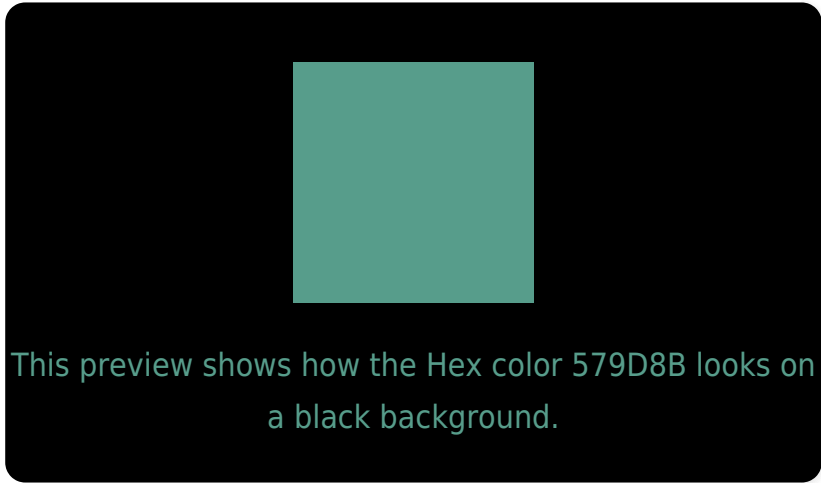
Large Text (above 18pt) WCAG AA ✓ Pass

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

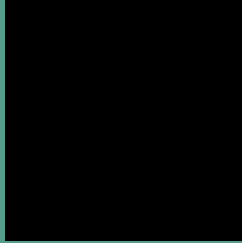
Any Text WCAG AA ✓ Pass

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 579D8B Background



This preview shows how black text looks on a background with the Hex color 579D8B.

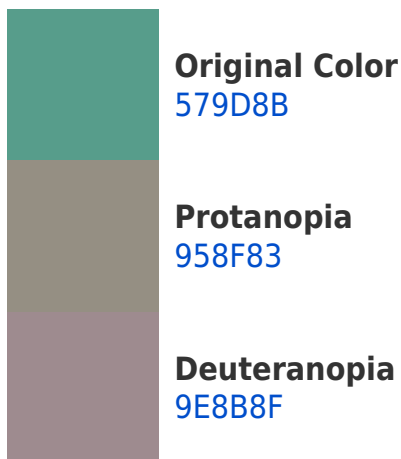


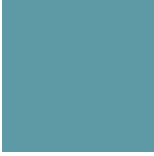
This preview shows how white text looks on a background with the Hex color 579D8B.

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



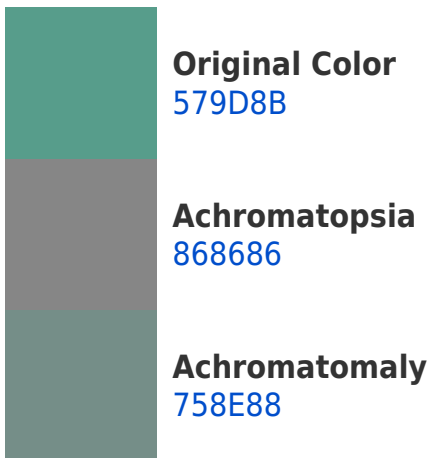


Tritanopia
5E99A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 579D8B 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 #579D8B looks like.

```
.text, #text, p{  
    color:#579D8B  
}
```

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 #579D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #579D8B
}
```

Border

The CSS property to change the border of an element to Hex 579D8B 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
#579D8B }
```

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

```
.border{ border-color:#579D8B }
```

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

Here you see how a box with a 4 pixel #579D8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #579D8B; -webkit-box-shadow:4px 4px  
4px 4px #579D8B; box-shadow:4px 4px 4px  
4px #579D8B }
```

Background

The CSS property to change the background color of an element to Hex 579D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#579D8B }
```

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

```
.background{ background-color:#579D8B }
```

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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