

Converting Colors

Hex(579A96)

Have a look what the booklet for
Hex(579A96) contains.

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Color

Hex(579A96)

Conversions

Conversions Part 1

Format	Color
Hex	579A96
RGB	87, 154, 150
RGB Percent	34%, 60%, 59%
CMY	0.6588, 0.3961, 0.4118
CMYK	0.44, 0.00, 0.03, 0.40
HSL	176°, 28%, 47%
HSV	176°, 44%, 60%
XYZ	20.9911, 27.3394, 33.0249
YIQ	133.5110, -38.6480, -15.4480

Conversions

Conversions Part 2

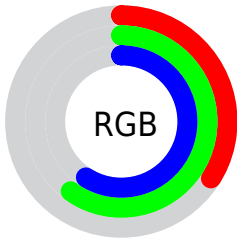
Format	Color
R _Y B	87, 122, 154
Decimal	5741206
CIE Lab	59.29, -22.29, -4.57
CIE LCh	59, 22.749, 191.591
Yxy	27.3394, 0.2580, 0.3360
Android (android.graphics.Color)	4283931286 (0xFF579A96)
YUV	133.5110, 8.1291, -40.7901
Hunter-Lab	52.2871, -19.8422, -0.8469

Details

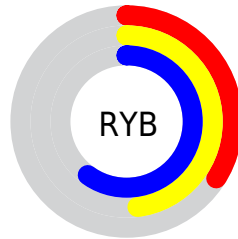
The Hex color **579A96** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A575B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8DD1CC**, and **206763** is the 20% darker color. If you saturate the color by 10%, you get **489A95**, and if you desaturate by 10%, it is **669A97**.

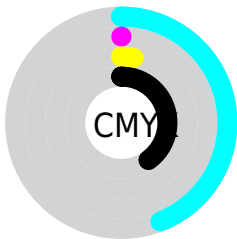
Distribution



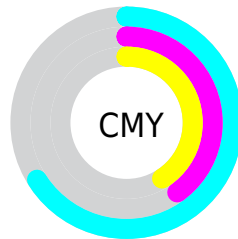
- Red (34%)
- Green (60%)
- Blue (59%)



- Red (34%)
- Yellow (48%)
- Blue (60%)



- Cyan (44%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (66%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 579A96 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 579A96 by changing the saturation by 10% instead.



579A96



579A96

FFFFFF



3C807C



8DD1CC



206763



A8EDE8



004E4B



C5FFFF



003735



E1FFFF



002220



000008



000000



579A96



579A96



489A95



669A97

■ 389A94

■ 769A98

■ 299A93

■ 859A99

■ 199A92

■ 959A9A

■ 0A9A91

■ A49A9B

■ 009A91

■ B39A9C

■ C39A9C

■ D29A9D

■ E29A9E

Harmonies

Analogous

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



689981



579A96



5498A9

Triad

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



579A96



9C87AD



A88969

Complementary

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



579A96



9A575B

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.



B48375



579A96



AF829C

Square

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



579A96



818EB6



B78088



959067

Rectangle

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



579A96



5E96B1



B78088



AD876C

Sweetspot

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



579A96



AFC9C8



5B9A57



566665



E6E6E6



666666

Same Dimension

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



579A96



61C9C3



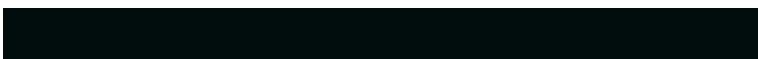
577D9A



454D4C



008C84



000D0C

Inverse Universe

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



9A575B



C96167



9A7457



4D4545



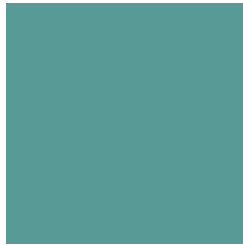
8C0008



0D0001

Previews

White Background



This preview shows how the Hex color 579A96 looks on a white background.

Color Contrast Check

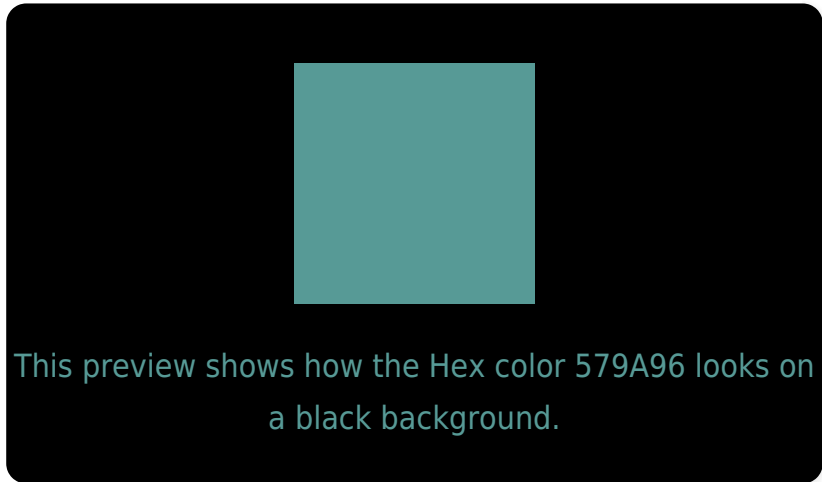
Large Text (above 18pt) WCAG AA ✓ Pass

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

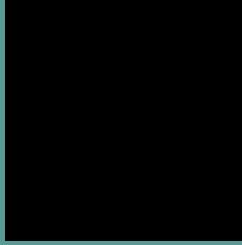
Any Text WCAG AA ✓ Pass

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 579A96 Background



This preview shows how black text looks on a background with the Hex color 579A96.

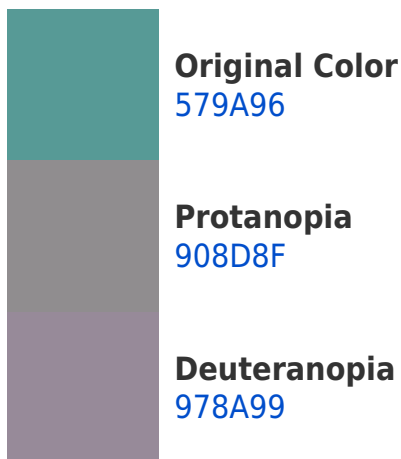


This preview shows how white text looks on a background with the Hex color 579A96.

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
5B98A4

Trichromacy



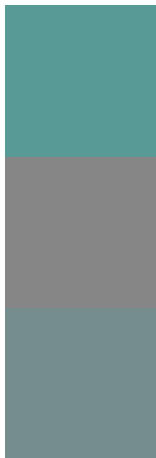
Original Color
579A96

Protanomaly
7B9292

Deuteranomaly
809098

Tritanomaly
5A999F

Monochromacy



Original Color
579A96

Achromatopsia
868686

Achromatomaly
758D8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 579A96 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 #579A96 looks like.

```
.text, #text, p{  
    color:#579A96  
}
```

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 #579A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #579A96
}
```

Border

The CSS property to change the border of an element to Hex 579A96 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
#579A96 }
```

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

```
.border{ border-color:#579A96 }
```

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

Here you see how a box with a 4 pixel #579A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #579A96; -webkit-box-shadow:4px 4px  
4px 4px #579A96; box-shadow:4px 4px 4px  
4px #579A96 }
```

Background

The CSS property to change the background color of an element to Hex 579A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#579A96 }
```

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

```
.background{ background-color:#579A96 }
```

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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