

Converting Colors

Hex(579CA6)

Have a look what the booklet for
Hex(579CA6) contains.

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Color

Hex(579CA6)

Conversions

Conversions Part 1

Format	Color
Hex	579CA6
RGB	87, 156, 166
RGB Percent	34%, 61%, 65%
CMY	0.6588, 0.3882, 0.3490
CMYK	0.48, 0.06, 0.00, 0.35
HSL	188°, 31%, 50%
HSV	188°, 48%, 65%
XYZ	22.7019, 28.5563, 40.3918
YIQ	136.5090, -44.3340, -11.5180

Conversions

Conversions Part 2

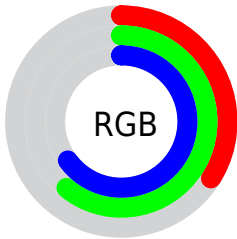
Format	Color
R _Y B	87, 124, 166
Decimal	5741734
CIE Lab	60.39, -19.03, -12.00
CIE LCh	60, 22.501, 212.235
Yxy	28.5563, 0.2477, 0.3116
Android (android.graphics.Color)	4283931814 (0xFF579CA6)
YUV	136.5090, 14.5391, -43.4194
Hunter-Lab	53.4381, -17.6854, -7.4083

Details

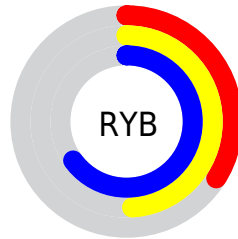
The Hex color **579CA6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A66157**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8ED3DD**, and **1D6972** is the 20% darker color. If you saturate the color by 10%, you get **469AA6**, and if you desaturate by 10%, it is **689EA6**.

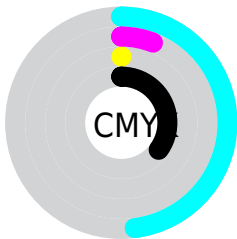
Distribution



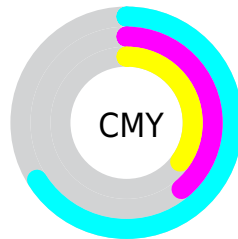
- Red (34%)
- Green (61%)
- Blue (65%)



- Red (34%)
- Yellow (49%)
- Blue (65%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (35%)



- Cyan (66%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 579CA6 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 579CA6 by changing the saturation by 10% instead.

■ 579CA6

■ 579CA6

FFFFFF

■ 3B828C

■ 8ED3DD

■ 1D6972

■ AAFFFA

■ 00505A

■ C6FFFF

■ 003942

■ E3FFFF

■ 00232C

■ 000418

■ 000000

■ 579CA6

■ 579CA6

■ 469AA6

■ 689EA6

3698A6

78A0A6

2596A6

89A2A6

1594A6

99A4A6

0491A6

AAA7A6

0091A6

BBA9A6

CBABA6

DCADA6

ECAFA6

Harmonies

Analogous

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



5F9D92



579CA6



6299B4

Triad

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



579CA6



AC86A4



9F916A

Complementary

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



579CA6



A66157

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.



B08A6F



579CA6



B88391

Square

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



579CA6



978CB3



B9857D



899770

Rectangle

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



579CA6



7295B8



B9857D



A58F6B

Sweetspot

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



579CA6



BAD5D9



57A660



5B6B6E



EDEDED



6E6E6E

Same Dimension

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



579CA6



5DC9D9



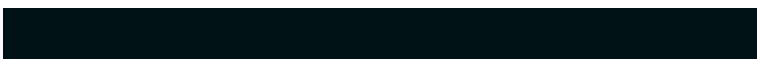
5775A6



4C5354



008194



001214

Inverse Universe

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



A6579C



D95DC9



A68857



544C53



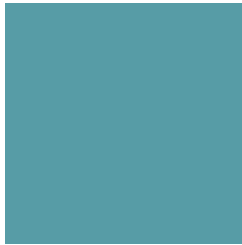
940081



140012

Previews

White Background



This preview shows how the Hex color 579CA6 looks on a white background.

Color Contrast Check

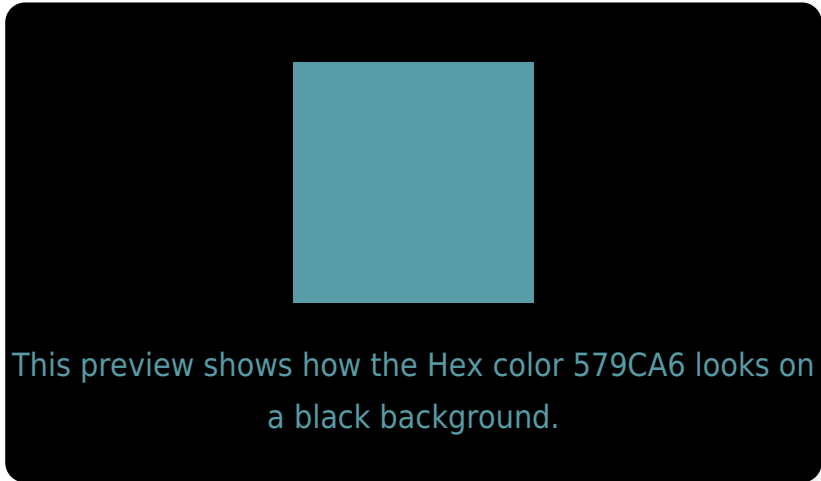
Large Text (above 18pt) WCAG AA ✓ Pass

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

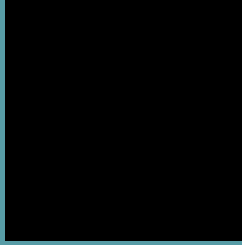
Any Text WCAG AA ✓ Pass

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 579CA6 Background



This preview shows how black text looks on a background with the Hex color 579CA6.

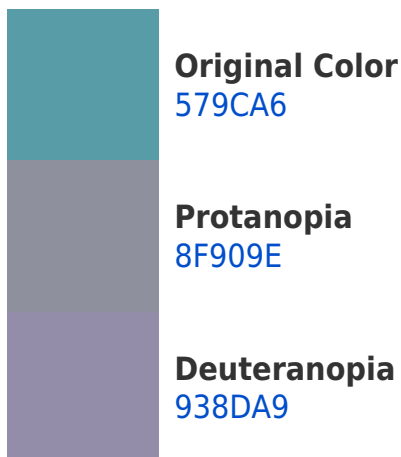


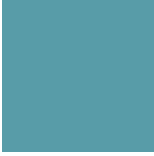
This preview shows how white text looks on a background with the Hex color 579CA6.

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](#).

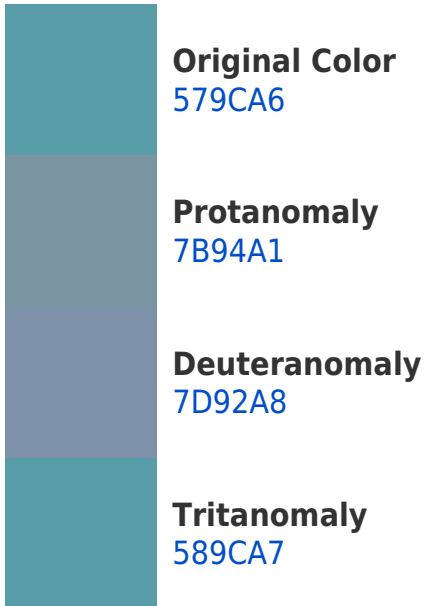
Dichromacy



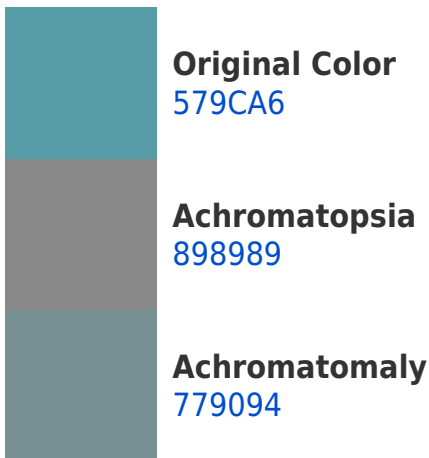


Tritanopia
589CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 579CA6 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 #579CA6 looks like.

```
.text, #text, p{  
    color:#579CA6  
}
```

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 #579CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #579CA6
}
```

Border

The CSS property to change the border of an element to Hex 579CA6 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
#579CA6 }
```

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

```
.border{ border-color:#579CA6 }
```

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

Here you see how a box with a 4 pixel #579CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #579CA6; -webkit-box-shadow:4px 4px  
4px 4px #579CA6; box-shadow:4px 4px 4px  
4px #579CA6 }
```

Background

The CSS property to change the background color of an element to Hex 579CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#579CA6 }
```

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

```
.background{ background-color:#579CA6 }
```

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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