

Converting Colors

Hex(509597)

Have a look what the booklet for
Hex(509597) contains.

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Color

Hex(509597)

Conversions

Conversions Part 1

Format	Color
Hex	509597
RGB	80, 149, 151
RGB Percent	31%, 58%, 59%
CMY	0.6863, 0.4157, 0.4078
CMYK	0.47, 0.01, 0.00, 0.41
HSL	182°, 31%, 45%
HSV	182°, 47%, 59%
XYZ	19.6416, 25.4347, 33.1523
YIQ	128.5970, -41.7660, -14.0060

Conversions

Conversions Part 2

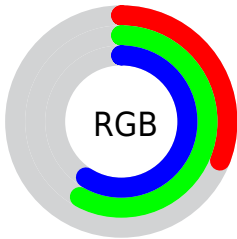
Format	Color
RYB	80, 115, 151
Decimal	5281175
CIELab	57.50, -21.19, -7.83
CIELCh	57, 22.588, 200.285
Yxy	25.4347, 0.2511, 0.3251
Android (android.graphics.Color)	4283471255 (0xFF509597)
YUV	128.5970, 11.0447, -42.6196
Hunter-Lab	50.4329, -18.7387, -3.6716

Details

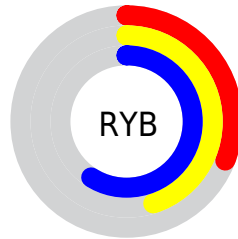
The Hex color **509597** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **975250**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **86CBCD**, and **156264** is the 20% darker color. If you saturate the color by 10%, you get **419597**, and if you desaturate by 10%, it is **5F9597**.

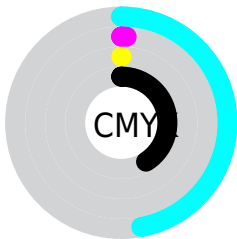
Distribution



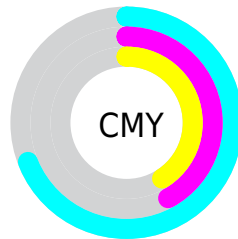
- Red (31%)
- Green (58%)
- Blue (59%)



- Red (31%)
- Yellow (45%)
- Blue (59%)



- Cyan (47%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509597 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 509597 by changing the saturation by 10% instead.

■ 509597

■ 509597

FFFFFF

■ 357B7D

■ 86CBCD

■ 156264

■ A2E8E9

■ 004A4C

■ BEFFFF

■ 003336

■ DBFFFF

■ 001F20

■ F8FFFF

■ 000009

■ 000000

■ 509597

■ 509597

■ 419597

■ 5F9597

■ 329497

■ 6E9697

■ 239497

■ 7D9697

■ 149397

■ 8C9797

■ 059397

■ 9C9797

■ 009397

■ AB9897

■ BA9897

■ C99897

■ D89997

Harmonies

Analogous

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



5E9583



509597



5393A8

Triad

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



509597



9D81A3



9E8763

Complementary

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



509597



975250

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.



AD806D



509597



AD7C91

Square

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



509597



8487AF



B27C7D



8A8D65

Rectangle

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



509597



6090AF



B27C7D



A48465

Sweetspot

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



509597



A9C4C4



509751



536363



E3E3E3



636363

Same Dimension

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



509597



56C1C4



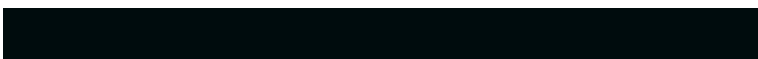
507297



454C4D



00888C



000C0D

Inverse Universe

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



975095



C456C1



977550



4D454C



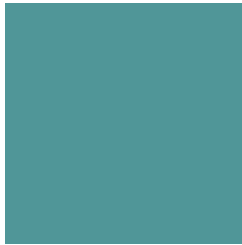
8C0088



0D000C

Previews

White Background



This preview shows how the Hex color 509597 looks on a white background.

Color Contrast Check

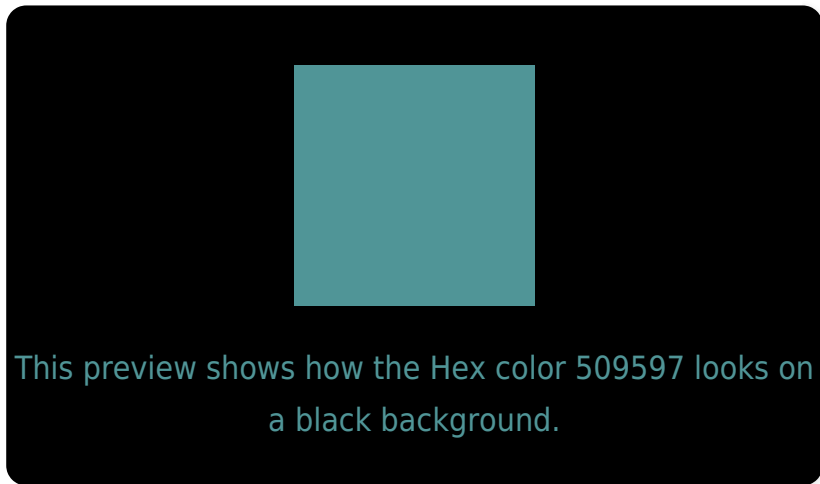
Large Text (above 18pt) WCAG AA ✓ Pass

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

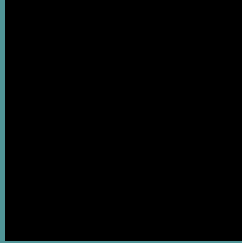
Any Text WCAG AA ✓ Pass

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 509597 Background



This preview shows how black text looks on a background with the Hex color 509597.

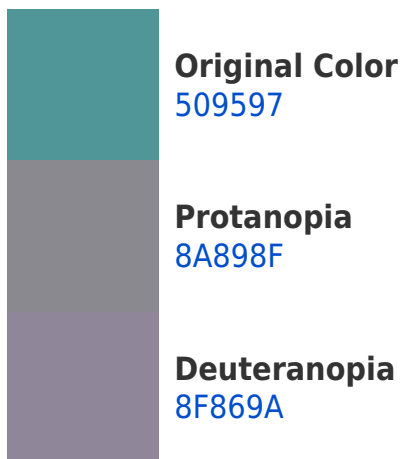


This preview shows how white text looks on a background with the Hex color 509597.

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



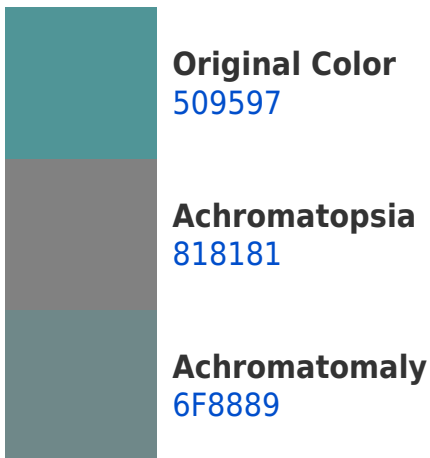


Tritanopia
5394A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 509597 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 #509597 looks like.

```
.text, #text, p{  
    color:#509597  
}
```

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 #509597 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509597
}
```

Border

The CSS property to change the border of an element to Hex 509597 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
#509597 }
```

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

```
.border{ border-color:#509597 }
```

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

Here you see how a box with a 4 pixel #509597 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509597; -webkit-box-shadow:4px 4px  
4px 4px #509597; box-shadow:4px 4px 4px  
4px #509597 }
```

Background

The CSS property to change the background color of an element to Hex 509597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509597 }
```

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

```
.background{ background-color:#509597 }
```

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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