

Converting Colors

Hex(509F99)

Have a look what the booklet for
Hex(509F99) contains.

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Color

Hex(509F99)

Conversions

Conversions Part 1

Format	Color
Hex	509F99
RGB	80, 159, 153
RGB Percent	31%, 62%, 60%
CMY	0.6863, 0.3765, 0.4000
CMYK	0.50, 0.00, 0.04, 0.38
HSL	175°, 33%, 47%
HSV	175°, 50%, 62%
XYZ	21.4562, 28.8017, 34.5654
YIQ	134.6950, -45.1580, -18.6140

Conversions

Conversions Part 2

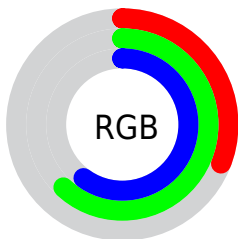
Format	Color
RYB	80, 121, 159
Decimal	5283737
CIELab	60.61, -25.75, -4.35
CIElCh	61, 26.120, 189.597
Yxy	28.8017, 0.2530, 0.3395
Android (android.graphics.Color)	4283473817 (0xFF509F99)
YUV	134.6950, 9.0244, -47.9675
Hunter-Lab	53.6672, -22.5531, -0.6199

Details

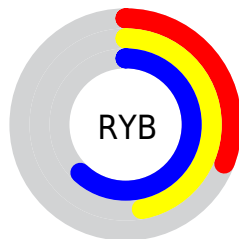
The Hex color **509F99** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F5056**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **87D6CF**, and **116B66** is the 20% darker color. If you saturate the color by 10%, you get **409F98**, and if you desaturate by 10%, it is **609F9A**.

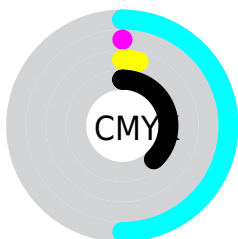
Distribution



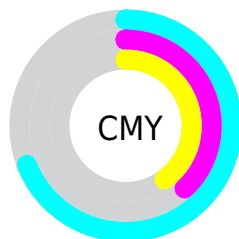
- Red (31%)
- Green (62%)
- Blue (60%)



- Red (31%)
- Yellow (47%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509F99 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 509F99 by changing the saturation by 10% instead.

 509F99

 509F99

FFFFFF

 34857F

 87D6CF

 116B66

 A3F3EB

 00534E

 BFFFFFF

 003B37

 DCFFFF

 002522

 F9FFFF

 00050D

 000000

 509F99

 509F99

 409F98

 609F9A

■ 309F97

■ 709F9B

■ 209F95

■ 809F9D

■ 109F94

■ 909F9E

■ 009F93

■ A09F9F

■ AF9FA0

■ BF9FA1

■ CF9FA3

■ DF9FA4

Harmonies

Analogous

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



679E81



509F99



4A9DAF

Triad

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



509F99



9F8AB6



B08B67

Complementary

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



509F99



9F5056

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.



BE8476



509F99



B683A3

Square

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



509F99



7F92BF



C0818B



9B9365

Rectangle

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



509F99



559BB9



C0818B



B6896B

Sweetspot

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



509F99



B0CFCC



579F50



566967



E8E8E8



696969

Same Dimension

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



509F99



53CFC5



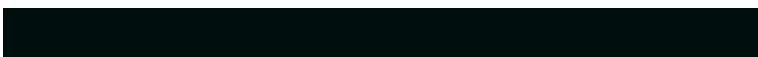
507E9F



474F4E



008F84



000F0E

Inverse Universe

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



9F5056



CF535C



9F7150



4F4748



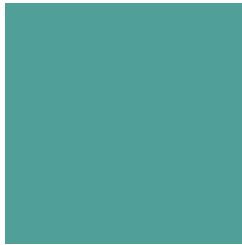
8F000B



0F0001

Previews

White Background



This preview shows how the Hex color 509F99 looks on a white background.

Color Contrast Check

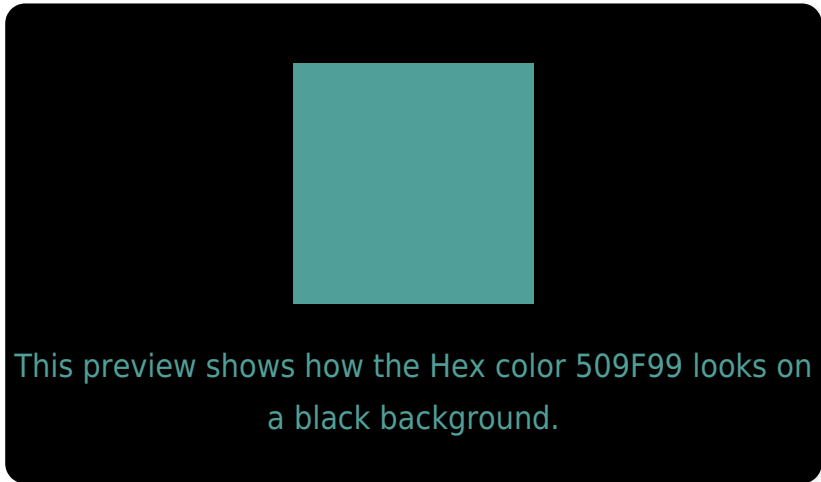
Large Text (above 18pt) WCAG AA ✓ Pass

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

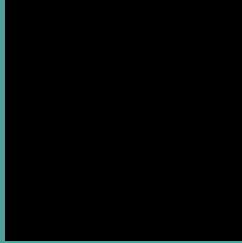
Any Text WCAG AA ✓ Pass

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 509F99 Background



This preview shows how black text looks on a background with the Hex color 509F99.

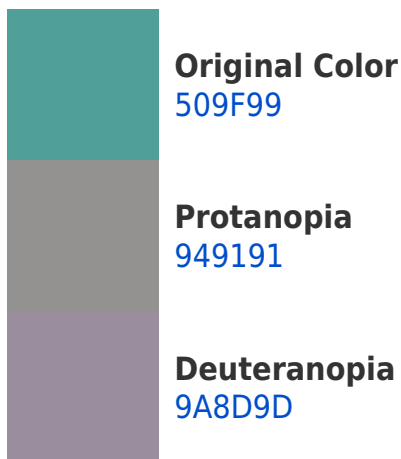


This preview shows how white text looks on a background with the Hex color 509F99.

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
559DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 509F99 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 #509F99 looks like.

```
.text, #text, p{  
    color:#509F99  
}
```

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 #509F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509F99
}
```

Border

The CSS property to change the border of an element to Hex 509F99 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
#509F99 }
```

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

```
.border{ border-color:#509F99 }
```

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

Here you see how a box with a 4 pixel #509F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509F99; -webkit-box-shadow:4px 4px  
4px 4px #509F99; box-shadow:4px 4px 4px  
4px #509F99 }
```

Background

The CSS property to change the background color of an element to Hex 509F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509F99 }
```

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

```
.background{ background-color:#509F99 }
```

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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