

Converting Colors

Hex(509F85)

Have a look what the booklet for
Hex(509F85) contains.

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Color

Hex(509F85)

Conversions

Conversions Part 1

Format	Color
Hex	509F85
RGB	80, 159, 133
RGB Percent	31%, 62%, 52%
CMY	0.6863, 0.3765, 0.4784
CMYK	0.50, 0.00, 0.16, 0.38
HSL	160°, 33%, 47%
HSV	160°, 50%, 62%
XYZ	19.9400, 28.1952, 26.5816
YIQ	132.4150, -38.7380, -24.8340

Conversions

Conversions Part 2

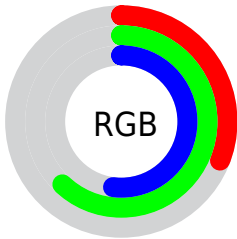
Format	Color
R_{YB}	80, 127, 159
Decimal	5283717
CIE Lab	60.06, -30.77, 6.15
CIE LCh	60, 31.376, 168.700
Yxy	28.1952, 0.2669, 0.3774
Android (android.graphics.Color)	4283473797 (0xFF509F85)
YUV	132.4150, 0.2884, -45.9680
Hunter-Lab	53.0992, -25.8924, 7.4887

Details

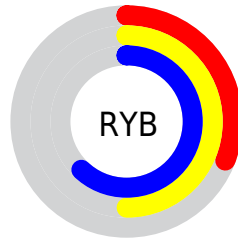
The Hex color **509F85** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F506A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **86D6BA**, and **146B54** is the 20% darker color. If you saturate the color by 10%, you get **409F80**, and if you desaturate by 10%, it is **609F8A**.

Distribution



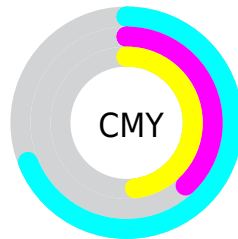
- Red (31%)
- Green (62%)
- Blue (52%)



- Red (31%)
- Yellow (50%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509F85 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 509F85 by changing the saturation by 10% instead.

 509F85

 509F85

FFFFFF

 34856C

 86D6BA

 146B54

 A2F3D6

 00523C

 BEFFF2

 003B27

 DBFFFF

 002512

 F8FFFF

 000000

 509F85

 509F85

 409F80

 609F8A

 309F7B

 709F8F

■ 209F75

■ 809F95

■ 109F70

■ 909F9A

■ 009F6B

■ A09F9F

■ AF9FA4

■ BF9FAA

■ CF9FAF

■ DF9FB4

Harmonies

Analogous

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



729B6B



509F85



2FA0A1

Triad

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



509F85



858DC5



C08268

Complementary

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



509F85



9F506A

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.



C77C80



509F85



A984B5

Square

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



509F85



5997C6



C07D9C



AD8B5B

Rectangle

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



509F85



299EB2



C07D9C



C48070

Sweetspot

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



509F85



B0CFC4



6A9F50



566962



E8E8E8



696969

Same Dimension

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



509F85



53CFA6



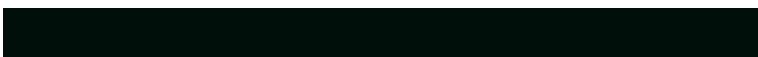
50929F



474F4C



008F60



000F0A

Inverse Universe

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



9F506A



CF537B



9F5D50



4F474A



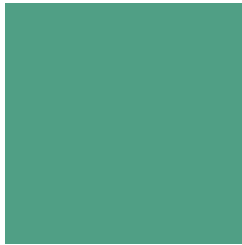
8F002F



0F0005

Previews

White Background



This preview shows how the Hex color 509F85 looks on a white background.

Color Contrast Check

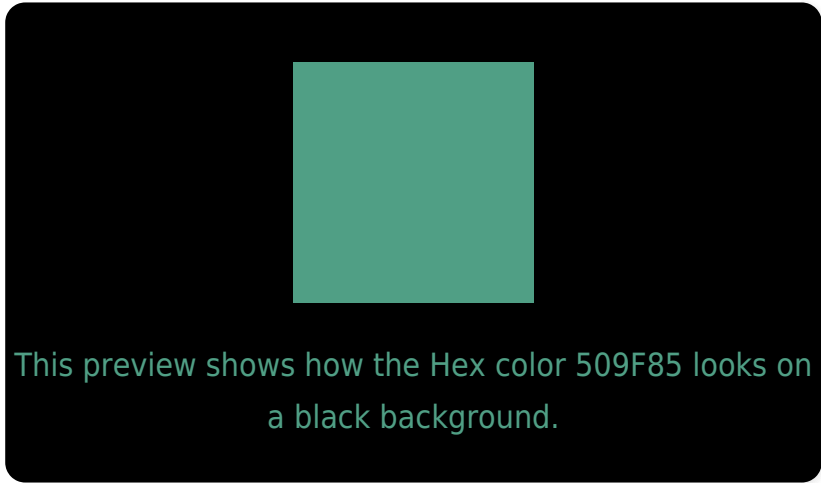
Large Text (above 18pt) WCAG AA ✓ Pass

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

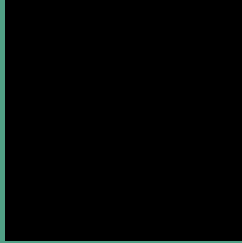
Any Text WCAG AA ✓ Pass

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 509F85 Background



This preview shows how black text looks on a background with the Hex color 509F85.

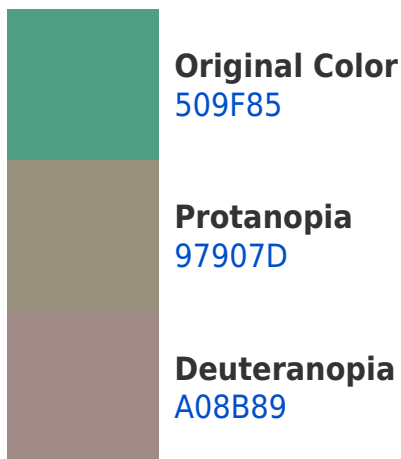


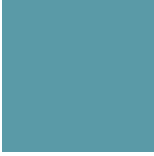
This preview shows how white text looks on a background with the Hex color 509F85.

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



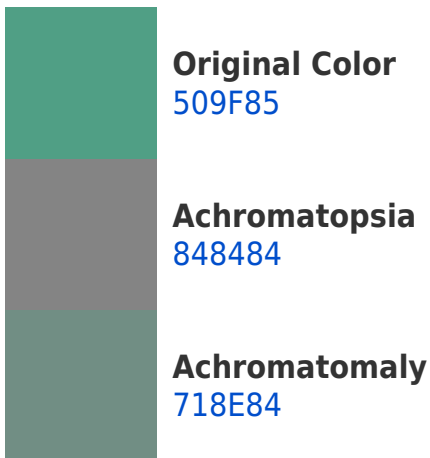


Tritanopia
5A9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 509F85 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 #509F85 looks like.

```
.text, #text, p{  
    color:#509F85  
}
```

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 #509F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509F85
}
```

Border

The CSS property to change the border of an element to Hex 509F85 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
#509F85 }
```

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

```
.border{ border-color:#509F85 }
```

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

Here you see how a box with a 4 pixel #509F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509F85; -webkit-box-shadow:4px 4px  
4px 4px #509F85; box-shadow:4px 4px 4px  
4px #509F85 }
```

Background

The CSS property to change the background color of an element to Hex 509F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509F85 }
```

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

```
.background{ background-color:#509F85 }
```

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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