

Converting Colors

Hex(509AA3)

Have a look what the booklet for
Hex(509AA3) contains.

Hex(509AA3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(509AA3)

Conversions

Conversions Part 1

Format	Color
Hex	509AA3
RGB	80, 154, 163
RGB Percent	31%, 60%, 64%
CMY	0.6863, 0.3961, 0.3608
CMYK	0.51, 0.06, 0.00, 0.36
HSL	187°, 34%, 48%
HSV	187°, 51%, 64%
XYZ	21.4747, 27.4610, 38.8190
YIQ	132.9000, -46.9930, -12.8890

Conversions

Conversions Part 2

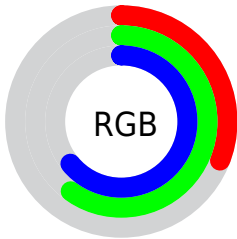
Format	Color
R_{YB}	80, 119, 163
Decimal	5282467
CIE _{Lab}	59.40, -20.46, -11.82
CIE _{LCh}	59, 23.630, 210.009
Yxy	27.4610, 0.2447, 0.3129
Android (android.graphics.Color)	4283472547 (0xFF509AA3)
YUV	132.9000, 14.8393, -46.3933
Hunter-Lab	52.4033, -18.5569, -7.2382

Details

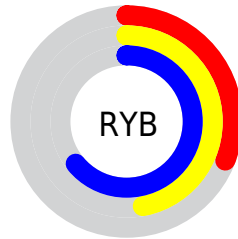
The Hex color **509AA3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A35950**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **87D1DA**, and **10676F** is the 20% darker color. If you saturate the color by 10%, you get **4098A3**, and if you desaturate by 10%, it is **609CA3**.

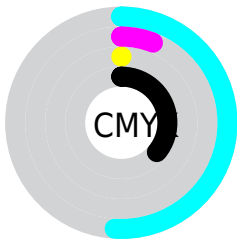
Distribution



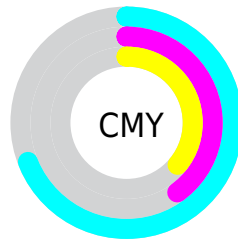
- Red (31%)
- Green (60%)
- Blue (64%)



- Red (31%)
- Yellow (47%)
- Blue (64%)



- Cyan (51%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (69%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509AA3 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 509AA3 by changing the saturation by 10% instead.

■ 509AA3

■ 509AA3

FFFFFF

■ 338089

■ 87D1DA

■ 10676F

■ A3EDF6

■ 004E57

■ C0FFFF

■ 003740

■ DCFFFF

■ 00222A

■ FAFFFF

■ 000116

■ 000000

■ 509AA3

■ 509AA3

■ 4098A3

■ 609CA3

■ 2F96A3

■ 719EA3

■ 1F95A3

■ 819FA3

■ 0F93A3

■ 91A1A3

■ 0091A3

■ A2A3A3

■ B2A5A3

■ C2A6A3

■ D2A8A3

■ E3AAA3

Harmonies

Analogous

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



5A9B8E



509AA3



5B97B2

Triad

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



509AA3



AA83A4



9E8E66

Complementary

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



509AA3



A35950

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.



AF876C



509AA3



B78090

Square

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



509AA3



928AB3



B8817B



88946B

Rectangle

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



509AA3



6B93B7



B8817B



A48B66

Sweetspot

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



509AA3



B4D0D4



50A358



58696B



EBEBEB



6B6B6B

Same Dimension

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



509AA3



53C6D4



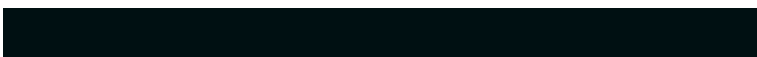
5071A3



495152



008291



001012

Inverse Universe

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



A3509A



D453C6



A38250



524951



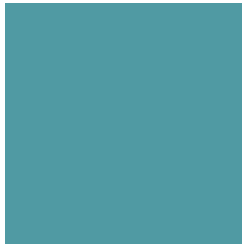
910082



120010

Previews

White Background



This preview shows how the Hex color 509AA3 looks on a white background.

Color Contrast Check

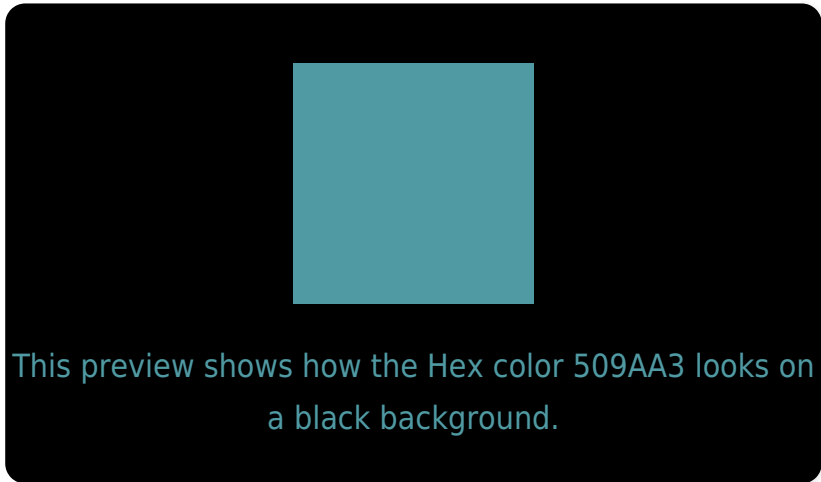
Large Text (above 18pt) WCAG AA ✓ Pass

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

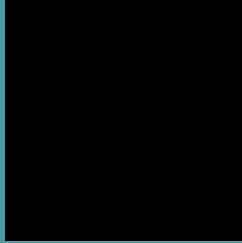
Any Text WCAG AA ✓ Pass

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 509AA3 Background



This preview shows how black text looks on a background with the Hex color 509AA3.

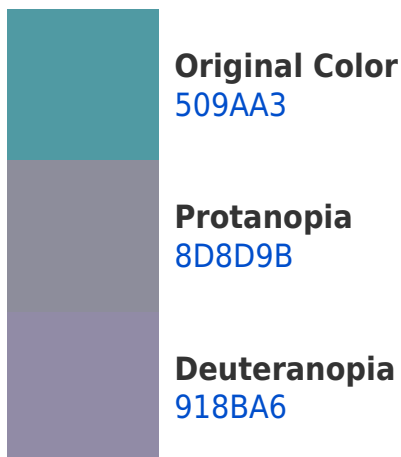


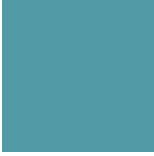
This preview shows how white text looks on a background with the Hex color 509AA3.

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
519AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 509AA3 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 #509AA3 looks like.

```
.text, #text, p{  
    color:#509AA3  
}
```

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 #509AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509AA3
}
```

Border

The CSS property to change the border of an element to Hex 509AA3 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
#509AA3 }
```

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

```
.border{ border-color:#509AA3 }
```

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

Here you see how a box with a 4 pixel #509AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509AA3; -webkit-box-shadow:4px 4px  
4px 4px #509AA3; box-shadow:4px 4px 4px  
4px #509AA3 }
```

Background

The CSS property to change the background color of an element to Hex 509AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509AA3 }
```

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

```
.background{ background-color:#509AA3 }
```

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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