

Converting Colors

Hex(509DBA)

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

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Color

Hex(509DBA)

Conversions

Conversions Part 1

Format	Color
Hex	509DBA
RGB	80, 157, 186
RGB Percent	31%, 62%, 73%
CMY	0.6863, 0.3843, 0.2706
CMYK	0.57, 0.16, 0.00, 0.27
HSL	196°, 43%, 52%
HSV	196°, 57%, 73%
XYZ	24.2282, 29.3646, 50.8453
YIQ	137.2830, -55.2010, -7.3050

Conversions

Conversions Part 2

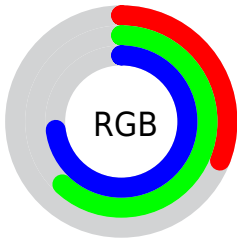
Format	Color
R_{YB}	80, 125, 186
Decimal	5283258
CIE _{Lab}	61.10, -15.31, -22.23
CIE _{LCh}	61, 26.992, 235.447
Yxy	29.3646, 0.2320, 0.2812
Android (android.graphics.Color)	4283473338 (0xFF509DBA)
YUV	137.2830, 24.0175, -50.2372
Hunter-Lab	54.1891, -15.0229, -17.6991

Details

The Hex color **509DBA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BA6D50**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **89D4F2**, and **016A85** is the 20% darker color. If you saturate the color by 10%, you get **3D98BA**, and if you desaturate by 10%, it is **63A2BA**.

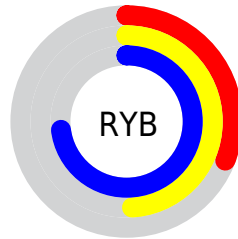
Distribution



Red (31%)

Green (62%)

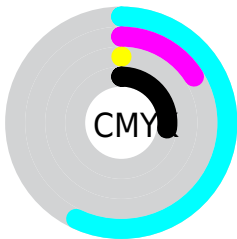
Blue (73%)



Red (31%)

Yellow (49%)

Blue (73%)

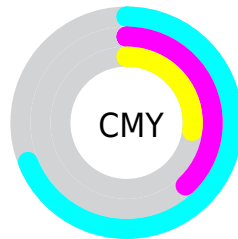


Cyan (57%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (69%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

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

■ 509DBA

FFFFFF

■ 89D4F2

■ A6F0FF

■ C3FFFF

■ E0FFFF

FEFFFF

■ 509DBA

■ 509DBA

■ 31839F

■ 016A85

■ 00516B

■ 003A53

■ 00253C

■ 000A26

■ 000110

■ 000000

■ 509DBA

■ 3D98BA

■ 63A2BA

■ 2B93BA

■ 75A7BA

■ 188EBA

■ 88ACBA

■ 0689BA

■ 9AB1BA

■ 0087BA

■ ADB6BA

■ C0BCBA

■ D2C1BA

■ E5C6BA

■ F7CBBA

Harmonies

Analogous

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



47A0A7



509DBA



6F97C3

Triad

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



509DBA



BF8298



8F9868

Complementary

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



509DBA



BA6D50

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.



A89164



509DBA



C38380

Square

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



509DBA



AE87AF



BA896D



739E78

Rectangle

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



509DBA



8791C1



BA896D



989665

Sweetspot

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



509DBA



C9E7F2



50BA6C



62747A



FAFAFA



7A7A7A

Same Dimension

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



509DBA



4EC5F2



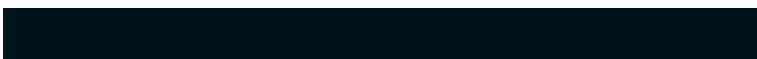
5069BA



53595C



00719C



00141C

Inverse Universe

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



BA509D



F24EC5



BAA150



5C5359



9C0071



1C0014

Previews

White Background



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

Color Contrast Check

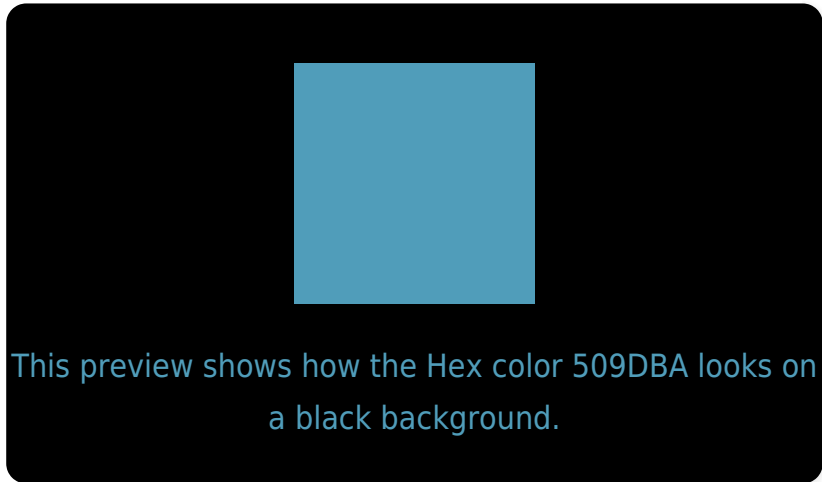
Large Text (above 18pt) WCAG AA ✓ Pass

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

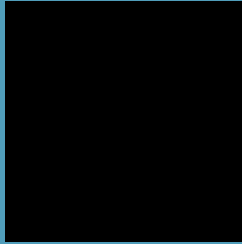
Any Text WCAG AA ✓ Pass

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 509DBA Background



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

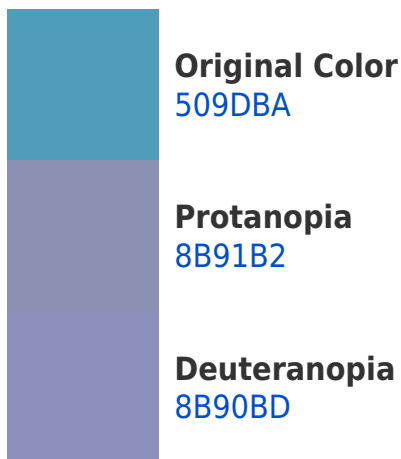


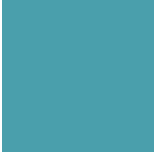
This preview shows how white text looks on a background with the Hex color 509DBA.

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](#).

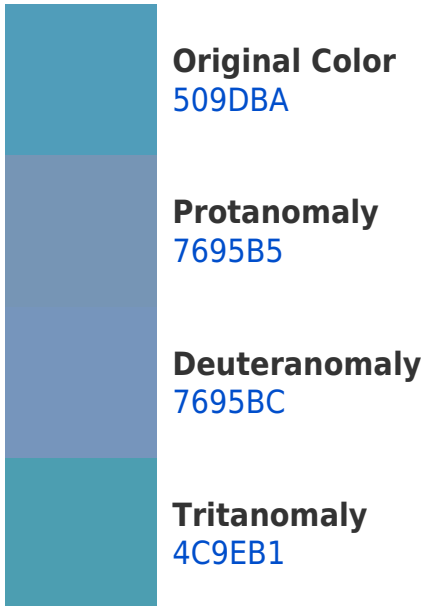
Dichromacy



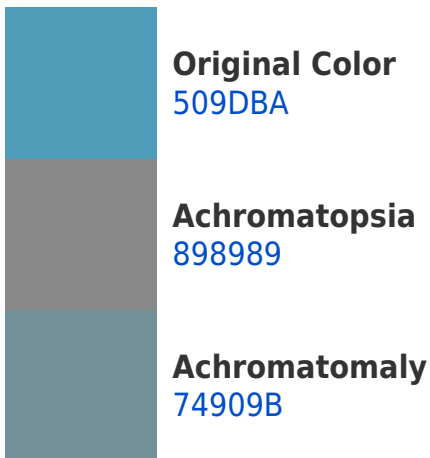


Tritanopia
4A9FAC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #509DBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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awesome pro features!

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