

# Converting Colors

Hex(509BCA)

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

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# Color

**Hex(509BCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	509BCA
RGB	80, 155, 202
RGB Percent	31%, 61%, 79%
CMY	0.6863, 0.3922, 0.2078
CMYK	0.60, 0.23, 0.00, 0.21
HSL	203°, 54%, 55%
HSV	203°, 60%, 79%
XYZ	25.6903, 29.4124, 60.2003
YIQ	137.9330, -59.7870, -1.2830

# Conversions

## Conversions Part 2

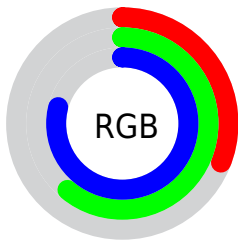
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 126, 202
Decimal	5282762
CIE <sub>Lab</sub>	61.14, -9.24, -31.14
CIE <sub>LCh</sub>	61, 32.485, 253.482
Yxy	29.4124, 0.2228, 0.2551
Android (android.graphics.Color)	4283472842 (0xFF509BCA)
YUV	137.9330, 31.5850, -50.8072
Hunter-Lab	54.2332, -10.3527, -27.8501

# Details

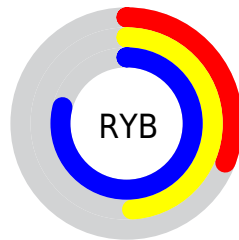
The Hex color **509BCA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CA7F50**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8BD1FF**, and **006894** is the 20% darker color. If you saturate the color by 10%, you get **3C93CA**, and if you desaturate by 10%, it is **64A3CA**.

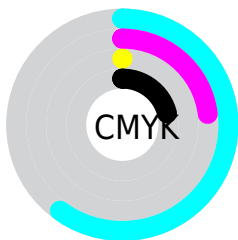
# Distribution



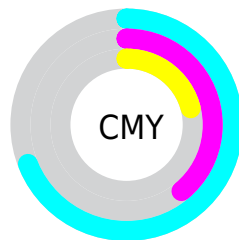
- Red (31%)
- Green (61%)
- Blue (79%)



- Red (31%)
- Yellow (49%)
- Blue (79%)



- Cyan (60%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (39%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



■ 509BCA

■ 509BCA

FFFFFF

■ 2F81AE

■ 8BD1FF

■ 006894

■ A8EEFF

■ 00507A

■ C5FFFF

■ 003961

■ E3FFFF

■ 002449

■ 000C32

■ 00021C

■ 000000

■ 509BCA

■ 509BCA

■ 3C93CA

■ 64A3CA

■ 288BCA

■ 78ABCA

■ 1384CA

■ 8DB2CA

■ 007CCA

■ A1BACA

■ B5C2CA

■ C9CACA

■ DDD1CA

■ F2D9CA

■ FFE1CA

# Harmonies

## Analogous

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



27A1BA



509BCA



8092CB

# Triad

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



509BCA



CC7E88



7A9D69

# Complementary

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



509BCA



CA7F50

# 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.



9A965B



509BCA



C7836D

# Square

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



509BCA



C27FA5



B58C5D



56A282

# Rectangle

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



509BCA



9B8BC3



B58C5D



859B63

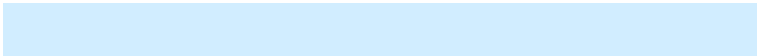


# Sweetspot

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



509BCA



D1EDFF



50CA7F



637580



000000



808080



# Same Dimension

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



509BCA



47B8FF



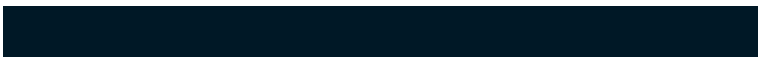
505ECA



5C6266



0066A6



001826



# Inverse Universe

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



CA509B



FF47B8



CABC50



665C62



A60066



260018



# Previews

## White Background



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

## Color Contrast Check

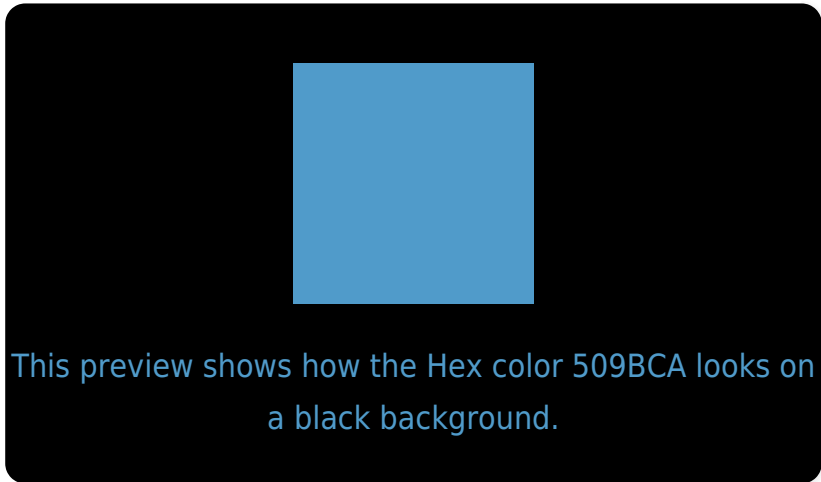
Large Text (above 18pt) WCAG AA ✓ Pass

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

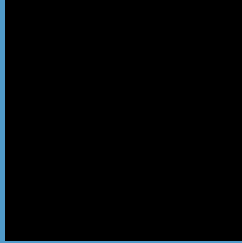
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

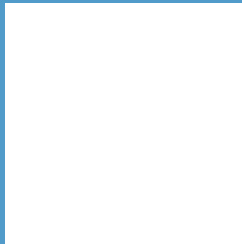
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 509BCA Background



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

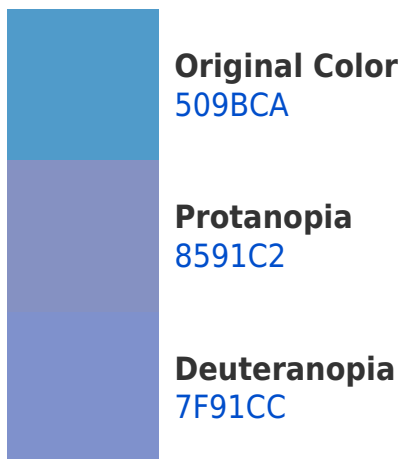


This preview shows how white text looks on a background with the Hex color 509BCA.

# 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](#).

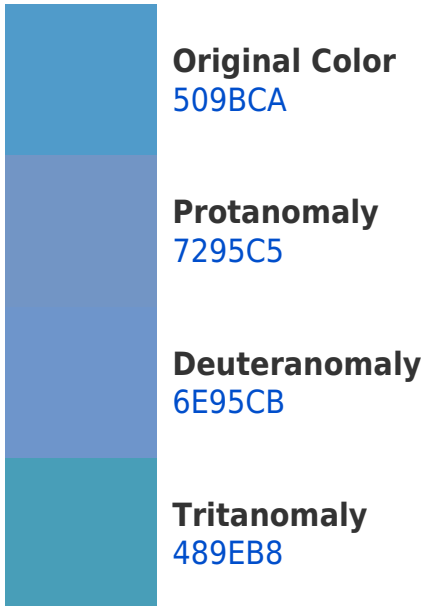
## Dichromacy



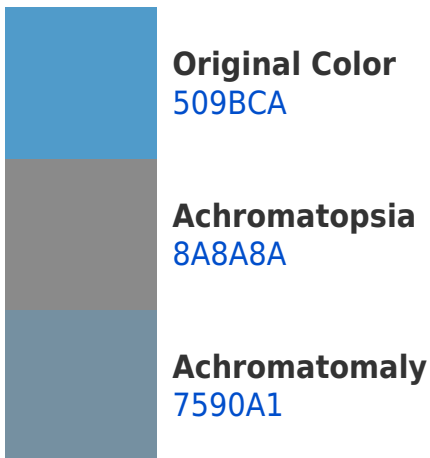


**Tritanopia**  
43A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #509BCA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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