

# Converting Colors

Hex(509ACD)

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

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# Color

**Hex(509ACD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	509ACD
RGB	80, 154, 205
RGB Percent	31%, 60%, 80%
CMY	0.6863, 0.3961, 0.1961
CMYK	0.61, 0.25, 0.00, 0.20
HSL	204°, 56%, 56%
HSV	204°, 61%, 80%
XYZ	25.8833, 29.2245, 62.0343
YIQ	137.6880, -60.4750, 0.1730

# Conversions

## Conversions Part 2

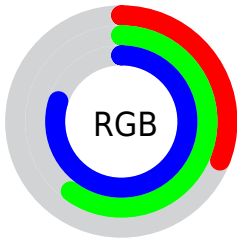
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 126, 205
Decimal	5282509
CIE <sub>Lab</sub>	60.98, -7.72, -33.08
CIE <sub>LCh</sub>	61, 33.967, 256.866
Yxy	29.2245, 0.2210, 0.2495
Android (android.graphics.Color)	4283472589 (0xFF509ACD)
YUV	137.6880, 33.1848, -50.5924
Hunter-Lab	54.0596, -9.1401, -30.1945

# Details

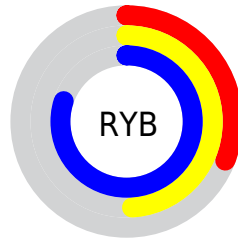
The Hex color **509ACD** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CD8350**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8BD0FF**, and **006797** is the 20% darker color. If you saturate the color by 10%, you get **3C92CD**, and if you desaturate by 10%, it is **65A2CD**.

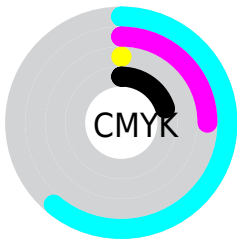
# Distribution



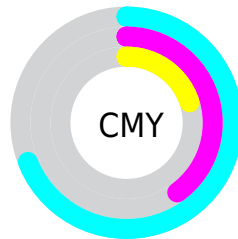
- Red (31%)
- Green (60%)
- Blue (80%)



- Red (31%)
- Yellow (49%)
- Blue (80%)



- Cyan (61%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (40%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



■ 509ACD

■ 509ACD

FFFFFF

■ 2F80B1

■ 8BD0FF

■ 006797

■ A8ECFF

■ 004F7C

■ C5FFFF

■ 003863

■ E3FFFF

■ 00234B

■ 000B34

■ 00021E

■ 000001

■ 000000

■ 509ACD

■ 509ACD

■ 3C92CD

■ 65A2CD

■ 2789CD

■ 79ABCD

■ 1381CD

■ 8EB3CD

■ 0079CD

■ A2BBCD

■ B7C4CD

■ CBCCCD

■ E0D5CD

■ F4DDCD

■ FFE5CD

# Harmonies

## Analogous

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



19A0BE



509ACD



8390CC

# Triad

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



509ACD



CE7C83



749E69

# Complementary

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



509ACD



CD8350

# 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.



969759



509ACD



C78369

# Square

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



509ACD



C57DA2



B38D59



4DA285

# Rectangle

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



509ACD



A089C3



B38D59



809C62

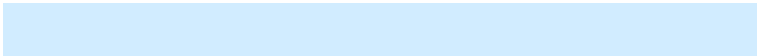


# Sweetspot

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



509ACD



D1ECFF



50CD82



637480



000000



808080



# Same Dimension

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



509ACD



45B3FF



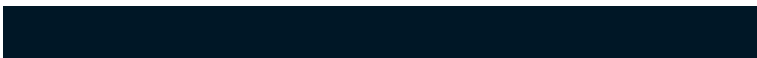
505CCD



5C6266



0062A6



001726



# Inverse Universe

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



CD509A



FF45B3



CDC150



665C62



A60062



260017



# Previews

## White Background



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

## Color Contrast Check

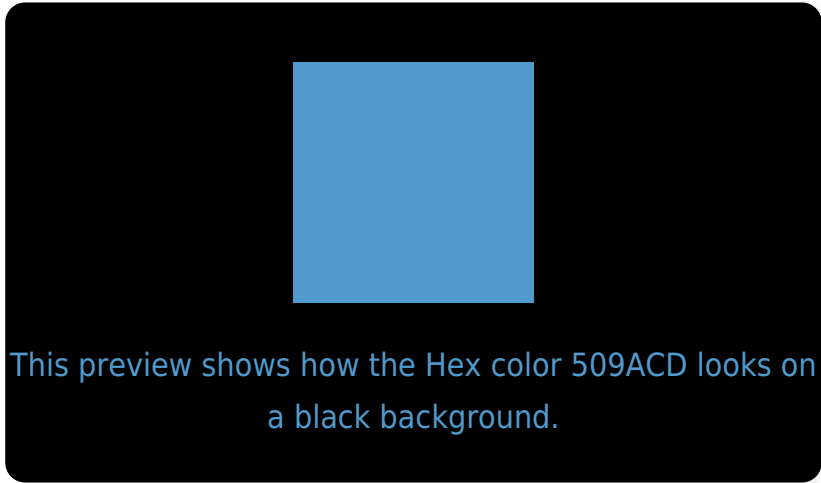
Large Text (above 18pt) WCAG AA ✓ Pass

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

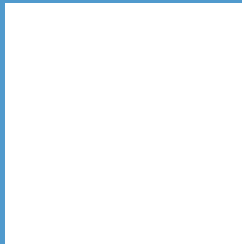
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 509ACD Background



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

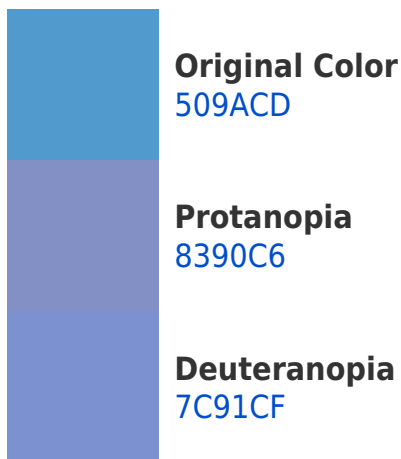


This preview shows how white text looks on a background with the Hex color 509ACD.

# Color Blindness Simulation

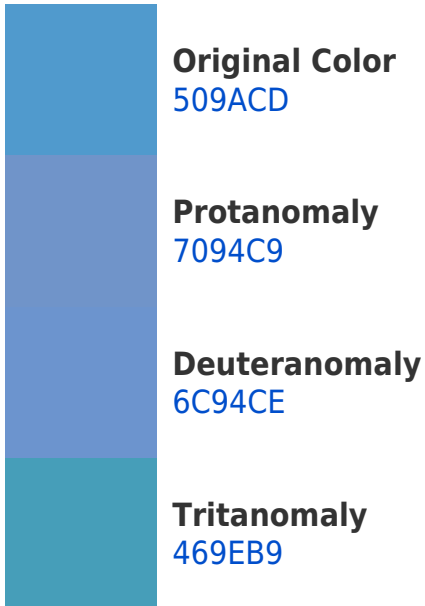
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

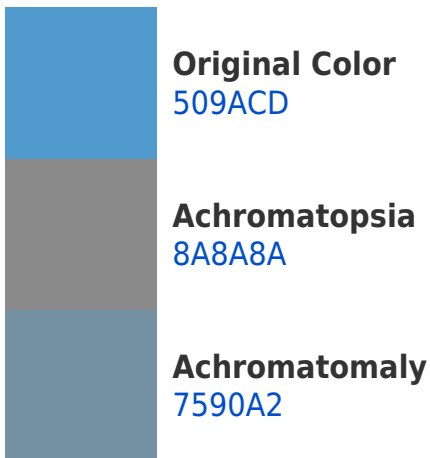




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #509ACD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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