

Converting Colors

Hex(509ECA)

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

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Color

Hex(509ECA)

Conversions

Conversions Part 1

Format	Color
Hex	509ECA
RGB	80, 158, 202
RGB Percent	31%, 62%, 79%
CMY	0.6863, 0.3804, 0.2078
CMYK	0.60, 0.22, 0.00, 0.21
HSL	202°, 54%, 55%
HSV	202°, 60%, 79%
XYZ	26.1958, 30.4235, 60.3688
YIQ	139.6940, -60.6120, -2.8520

Conversions

Conversions Part 2

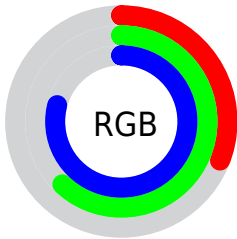
Format	Color
R_{YB}	80, 128, 202
Decimal	5283530
CIE _{Lab}	62.02, -10.90, -29.79
CIE _{LCh}	62, 31.720, 249.909
Yxy	30.4235, 0.2239, 0.2601
Android (android.graphics.Color)	4283473610 (0xFF509ECA)
YUV	139.6940, 30.7169, -52.3516
Hunter-Lab	55.1575, -11.7510, -26.2815

Details

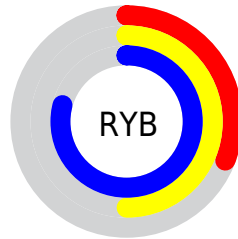
The Hex color **509ECA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CA7C50**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8BD5FF**, and **006B94** is the 20% darker color. If you saturate the color by 10%, you get **3C97CA**, and if you desaturate by 10%, it is **64A5CA**.

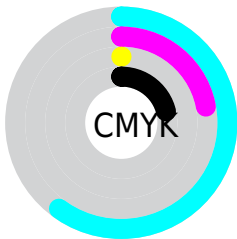
Distribution



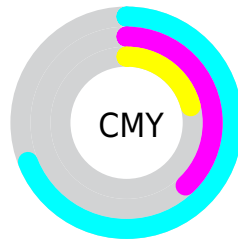
- Red (31%)
- Green (62%)
- Blue (79%)



- Red (31%)
- Yellow (50%)
- Blue (79%)



- Cyan (60%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

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

■ 509ECA

■ 509ECA

FFFFFF

■ 2F84AE

■ 8BD5FF

■ 006B94

■ A8F1FF

■ 00537A

■ C5FFFF

■ 003C61

■ E3FFFF

■ 002649

■ 001132

■ 00021C

■ 000000

■ 509ECA

■ 509ECA

■ 3C97CA

■ 64A5CA

■ 288FCA

■ 78ADCA

■ 1388CA

■ 8DB4CA

■ 0081CA

■ A1BBCA

■ B5C2CA

■ C9CACA

■ DDD1CA

■ F2D8CA

■ FFE0CA

Harmonies

Analogous

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



2FA3B9



509ECA



7D95CD

Triad

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



509ECA



CD808D



819F6A

Complementary

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



509ECA



CA7C50

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.



A0975E



509ECA



C98573

Square

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



509ECA



C183AA



B98E62



5FA482

Rectangle

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



509ECA



998FC7



B98E62



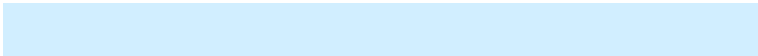
8B9D64

Sweetspot

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



509ECA



D1EEFF



50CA7B



637580



000000



808080

Same Dimension

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



509ECA



47BDFE



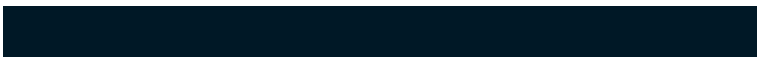
5062CA



5C6266



006AA6



001826

Inverse Universe

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



CA509E



FF47BD



CAB850



665C62



A6006A



260018

Previews

White Background



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

Color Contrast Check

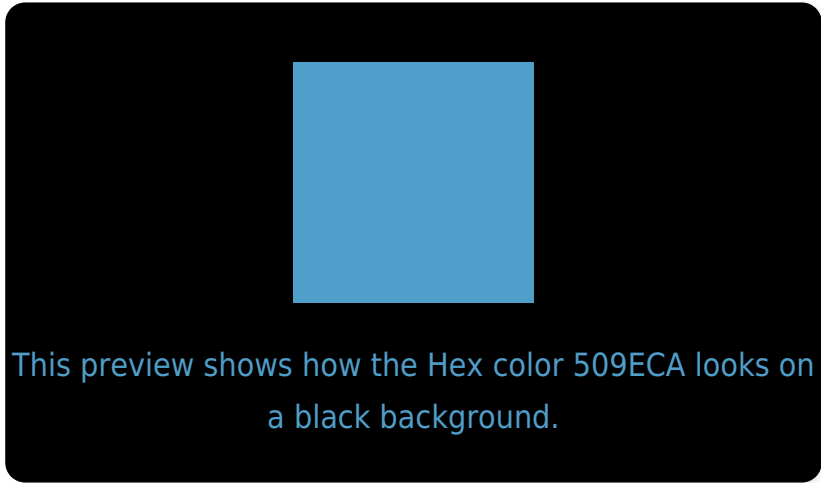
Large Text (above 18pt) WCAG AA × Fail

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

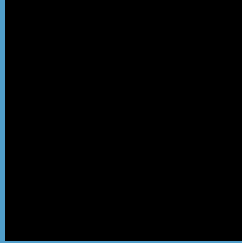
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 509ECA Background



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

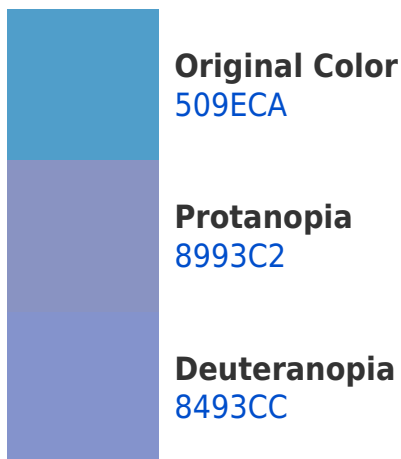


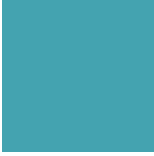
This preview shows how white text looks on a background with the Hex color 509ECA.

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](#).

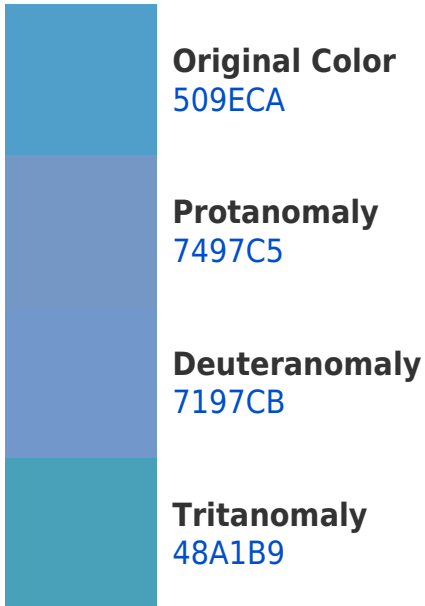
Dichromacy



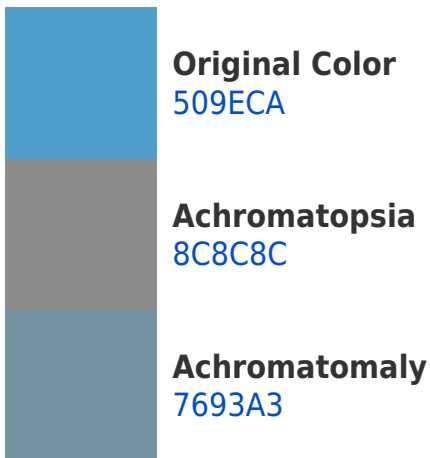


Tritanopia
44A3B0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #509ECA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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