

# Converting Colors

Hex(5389C9)

Have a look what the booklet for  
Hex(5389C9) contains.

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# Color

Hex(5389C9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5389C9
RGB	83, 137, 201
RGB Percent	33%, 54%, 79%
CMY	0.6745, 0.4627, 0.2118
CMYK	0.59, 0.32, 0.00, 0.21
HSL	213°, 52%, 56%
HSV	213°, 59%, 79%
XYZ	23.0556, 23.9474, 58.6655
YIQ	128.1500, -52.7280, 8.4560

# Conversions

## Conversions Part 2

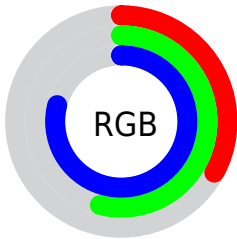
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 120, 201
Decimal	5474761
CIE Lab	56.04, 1.33, -38.55
CIE LCh	56, 38.568, 271.980
Yxy	23.9474, 0.2182, 0.2266
Android (android.graphics.Color)	4283664841 (0xFF5389C9)
YUV	128.1500, 35.9151, -39.5965
Hunter-Lab	48.9360, -1.5402, -36.8228

# Details

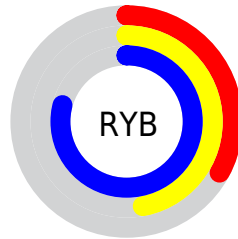
The Hex color **5389C9** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C99353**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8DBEFF**, and **045893** is the 20% darker color. If you saturate the color by 10%, you get **3F7EC9**, and if you desaturate by 10%, it is **6794C9**.

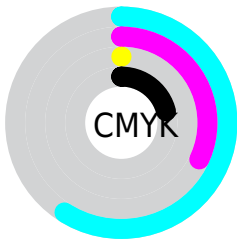
# Distribution



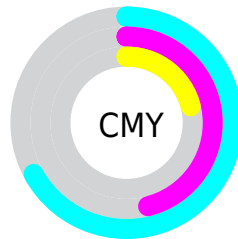
- Red (33%)
- Green (54%)
- Blue (79%)



- Red (33%)
- Yellow (47%)
- Blue (79%)



- Cyan (59%)
- Magenta (32%)
- Yellow (0%)
- Black (21%)



- Cyan (67%)
- Magenta (46%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5389C9 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 5389C9 by changing the saturation by 10% instead.



■ 5389C9

■ 5389C9

FFFFFF

■ 3470AD

■ 8DBEFF

■ 045893

■ AADAFF

■ 004179

■ C7F6FF

■ 002B5F

■ E4FFFF

■ 001747

■ 000430

■ 00011B

■ 000000

■ 5389C9

■ 5389C9

■ 3F7EC9

■ 6794C9

■ 2B73C9

■ 7B9FC9

■ 1768C9

■ 8FAAC9

■ 035DC9

■ A3B5C9

■ 005CC9

■ B8C0C9

■ CCCAC9

■ E0D5C9

■ F4E0C9

■ FFEBC9

# Harmonies

## Analogous

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



0092C1



5389C9



8C7DBF

# Triad

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



5389C9



C46F65



4C9566

# Complementary

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



5389C9



C99353

# 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.



768F4C



5389C9



B4794C

# Square

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



5389C9



C46B85



998542



009888

# Rectangle

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



5389C9



A774B0



998542



5B935C

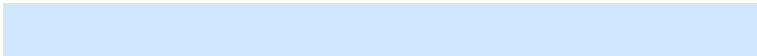


# Sweetspot

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



5389C9



D1E6FF



53C992



637080



000000



808080

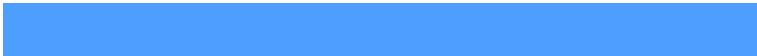


# Same Dimension

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



5389C9



4D9EFF



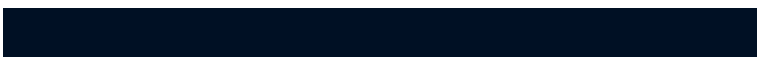
5753C9



5A5E63



004BA3



001024



# Inverse Universe

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



C95389



FF4D9E



C5C953



635A5E



A3004B



240010



# Previews

## White Background



This preview shows how the Hex color 5389C9 looks on a white background.

## Color Contrast Check

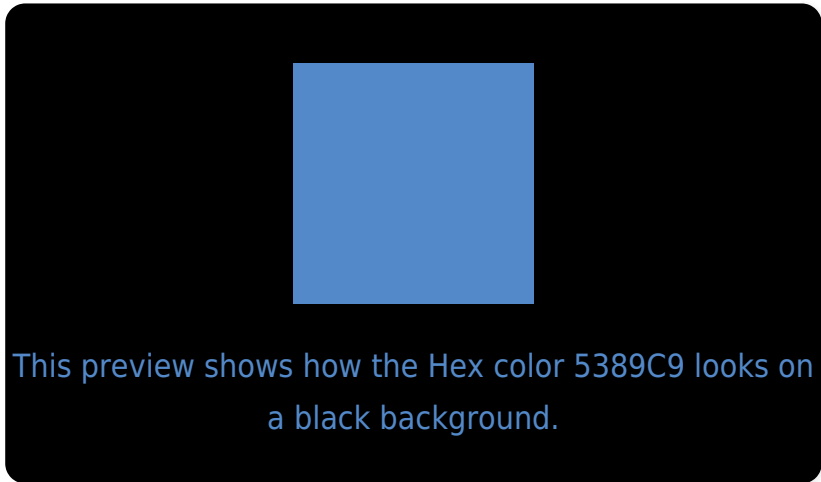
Large Text (above 18pt) WCAG AA ✓ Pass

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

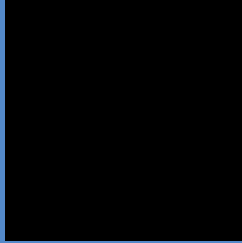
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5389C9 Background



This preview shows how black text looks on a background with the Hex color 5389C9.

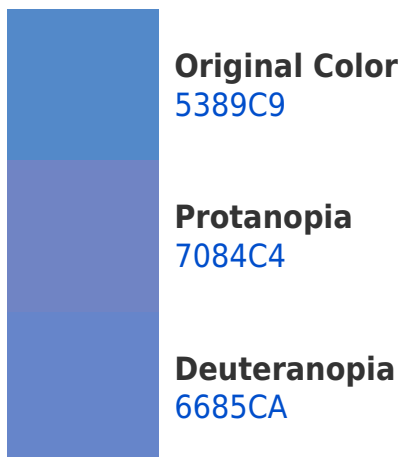


This preview shows how white text looks on a background with the Hex color 5389C9.

# 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](#).

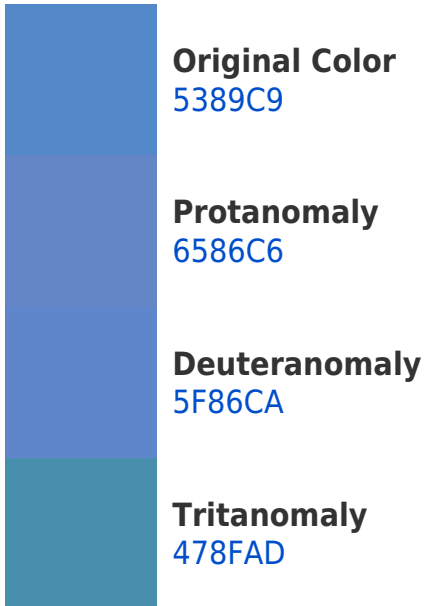
## Dichromacy





**Tritanopia**  
40929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5389C9 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 #5389C9 looks like.

```
.text, #text, p{  
    color:#5389C9  
}
```

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 #5389C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5389C9
}
```

## Border

The CSS property to change the border of an element to Hex 5389C9 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
#5389C9 }
```

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

```
.border{ border-color:#5389C9 }
```

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

Here you see how a box with a 4 pixel #5389C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5389C9; -webkit-box-shadow:4px 4px  
4px 4px #5389C9; box-shadow:4px 4px 4px  
4px #5389C9 }
```

# Background

The CSS property to change the background color of an element to Hex 5389C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5389C9 }
```

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

```
.background{ background-color:#5389C9 }
```

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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