

# Converting Colors

Hex(5C089A)

Have a look what the booklet for  
Hex(5C089A) contains.

<b>Hex(5C089A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5C089A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C089A
RGB	92, 8, 154
RGB Percent	36%, 3%, 60%
CMY	0.6392, 0.9686, 0.3961
CMYK	0.40, 0.95, 0.00, 0.40
HSL	275°, 90%, 32%
HSV	275°, 95%, 60%
XYZ	10.3332, 4.7821, 30.9503
YIQ	49.7600, 3.1980, 63.2140

# Conversions

## Conversions Part 2

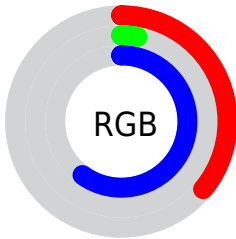
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 8, 154
Decimal	6031514
CIELab	26.10, 57.15, -58.91
CIElCh	26, 82.075, 314.133
Yxy	4.7821, 0.2243, 0.1038
Android (android.graphics.Color)	4284221594 (0xFF5C089A)
YUV	49.7600, 51.3903, 37.0445
Hunter-Lab	21.8679, 46.0772, -68.6071

# Details

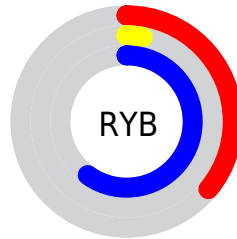
The Hex color **5C089A** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **469A08**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9546D2**, and **210065** is the 20% darker color. If you saturate the color by 10%, you get **59009A**, and if you desaturate by 10%, it is **63179A**.

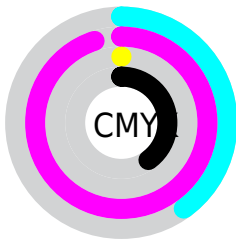
# Distribution



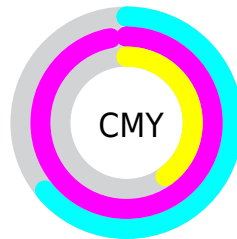
- Red (36%)
- Green (3%)
- Blue (60%)



- Red (36%)
- Yellow (3%)
- Blue (60%)



- Cyan (40%)
- Magenta (95%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (97%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C089A 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 5C089A by changing the saturation by 10% instead.



5C089A

5C089A

FFFFFF

3F007F

9546D2

210065

B161EE

00004D

CE7BFF

000535

EC96FF

00021F

FFB2FF

000001

FFCFFF

000000

FFECFF

5C089A

5C089A

■ 59009A

■ 63179A

■ 69279A

■ 70369A

■ 76469A

■ 7D559A

■ 83649A

■ 8A749A

■ 90839A

■ 97939A

# Harmonies

## Analogous

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



003FBC



5C089A



960062

# Triad

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



5C089A



672E00



00535B

# Complementary

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



5C089A



469A08

# 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.



005118



5C089A



314500

# Square

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



5C089A



8E0000



004E00



005496

# Rectangle

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



5C089A



A10039



004E00



005245



# Sweetspot

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



5C089A



B191C9



08479A



574366



E6E6E6



666666



# Same Dimension

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



5C089A



7400C9



9A0890



49454D



51008C



07000D



# Inverse Universe

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



9A0846



C90056



089A12



4D4548



8C003C

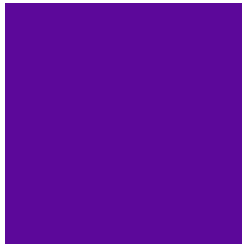


0D0005



# Previews

## White Background



This preview shows how the Hex color 5C089A looks on a white background.

## Color Contrast Check

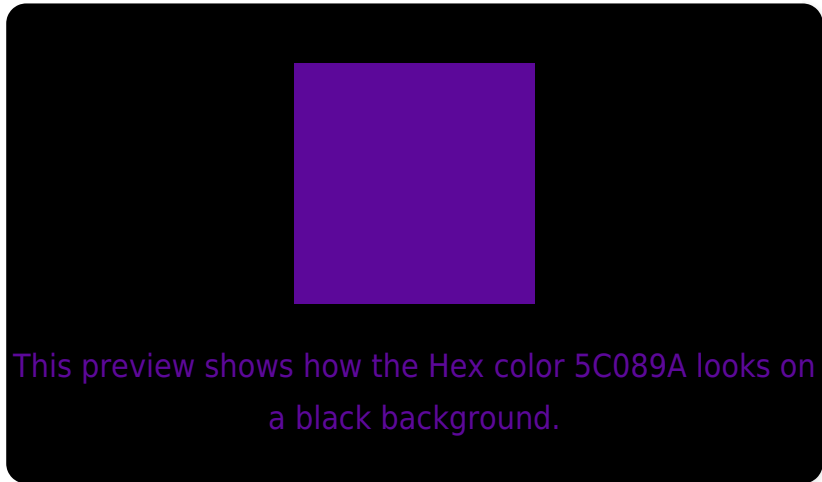
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

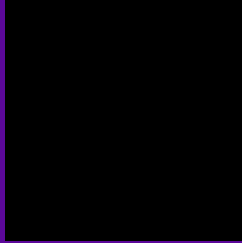
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C089A Background



This preview shows how black text looks on a background with the Hex color 5C089A.



This preview shows how white text looks on a background with the Hex color 5C089A.

# 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



**Original Color**  
5C089A

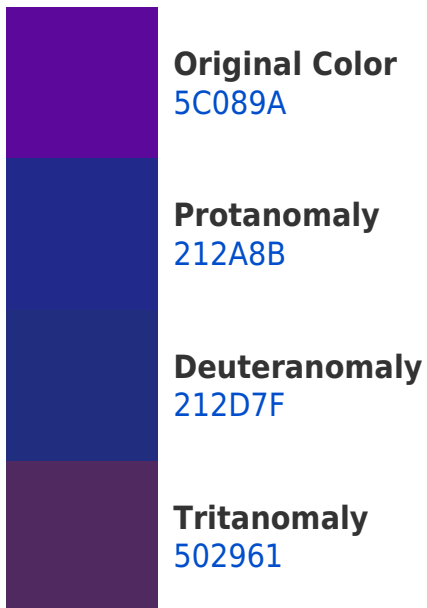
**Protanopia**  
003E82

**Deuteranopia**  
004270

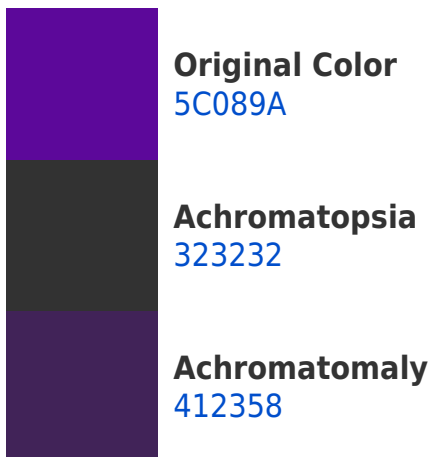


**Tritanopia**  
493C41

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C089A 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 #5C089A looks like.

```
.text, #text, p{  
    color:#5C089A  
}
```

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 #5C089A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C089A
}
```

## Border

The CSS property to change the border of an element to Hex 5C089A 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
#5C089A }
```

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

```
.border{ border-color:#5C089A }
```

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

Here you see how a box with a 4 pixel #5C089A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C089A; -webkit-box-shadow:4px 4px  
4px 4px #5C089A; box-shadow:4px 4px 4px  
4px #5C089A }
```

# Background

The CSS property to change the background color of an element to Hex 5C089A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C089A }
```

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

```
.background{ background-color:#5C089A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor