

Converting Colors

Hex(539299)

Have a look what the booklet for
Hex(539299) contains.

Hex(539299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(539299)

Conversions

Conversions Part 1

Format	Color
Hex	539299
RGB	83, 146, 153
RGB Percent	33%, 57%, 60%
CMY	0.6745, 0.4275, 0.4000
CMYK	0.46, 0.05, 0.00, 0.40
HSL	186°, 30%, 46%
HSV	186°, 46%, 60%
XYZ	19.5959, 24.6967, 33.8711
YIQ	127.9610, -39.7950, -11.1790

Conversions

Conversions Part 2

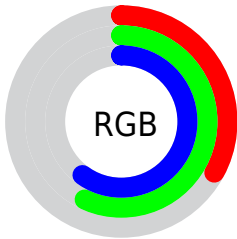
Format	Color
R_{YB}	83, 116, 153
Decimal	5477017
CIE _{Lab}	56.78, -18.32, -10.03
CIE _{LCh}	57, 20.890, 208.707
Yxy	24.6967, 0.2507, 0.3160
Android (android.graphics.Color)	4283667097 (0xFF539299)
YUV	127.9610, 12.3442, -39.4308
Hunter-Lab	49.6958, -16.5818, -5.6232

Details

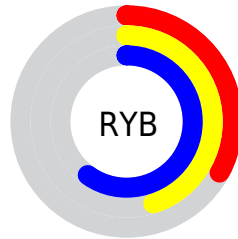
The Hex color **539299** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **995A53**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **89C8CF**, and **1B5F66** is the 20% darker color. If you saturate the color by 10%, you get **449099**, and if you desaturate by 10%, it is **629499**.

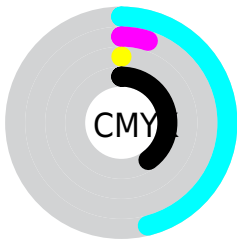
Distribution



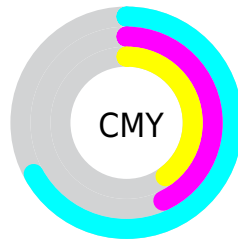
- Red (33%)
- Green (57%)
- Blue (60%)



- Red (33%)
- Yellow (45%)
- Blue (60%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 539299 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 539299 by changing the saturation by 10% instead.

 539299

 539299

FFFFFF

 38787F


 89C8CF

 1B5F66

 A4E4EC

 00474E

 C0FFFF

 003137

 DDDFFF

 001D22

 FAFFFF

 00000B

 000000

 539299

 539299

 449099

 629499

■ 348F99

■ 729599

■ 258D99

■ 819799

■ 168C99

■ 909899

■ 068A99

■ A09A99

■ 008A99

■ AF9B99

■ BE9D99

■ CD9E99

■ DDA099

Harmonies

Analogous

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



5C9287



539299



5B8FA7

Triad

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



539299



9F7E9B



968764

Complementary

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



539299



995A53

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.



A5816A



539299



AB7B8A

Square

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



539299



8A84A8



AD7C78



838C68

Rectangle

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



539299



698CAB



AD7C78



9C8565

Sweetspot

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



539299



ABC4C7



53995A



536263



E3E3E3



636363

Same Dimension

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



539299



5ABCC7



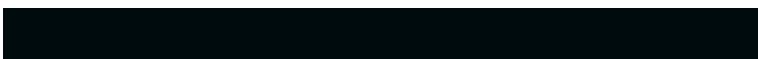
536F99



454C4D



007E8C



000B0D

Inverse Universe

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



995392



C75ABC



997D53



4D454C



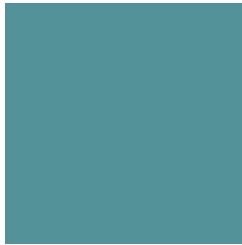
8C007E



0D000B

Previews

White Background



This preview shows how the Hex color 539299 looks on a white background.

Color Contrast Check

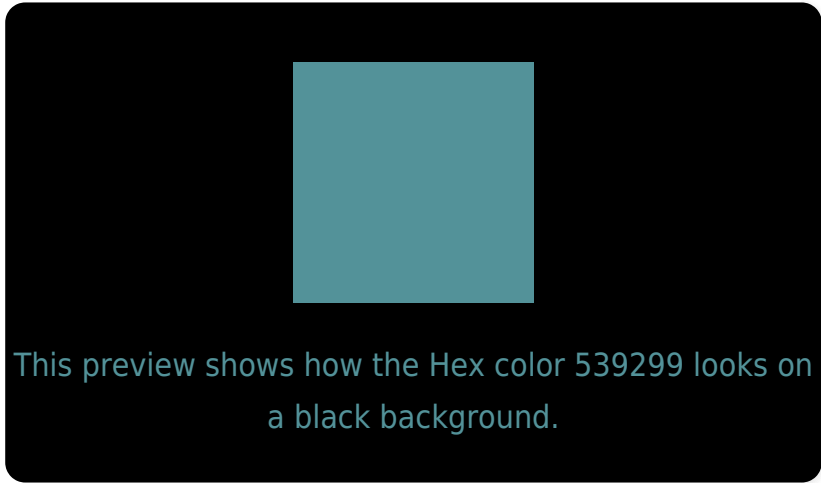
Large Text (above 18pt) WCAG AA ✓ Pass

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

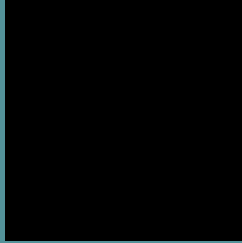
Any Text WCAG AA ✓ Pass

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 539299 Background



This preview shows how black text looks on a background with the Hex color 539299.

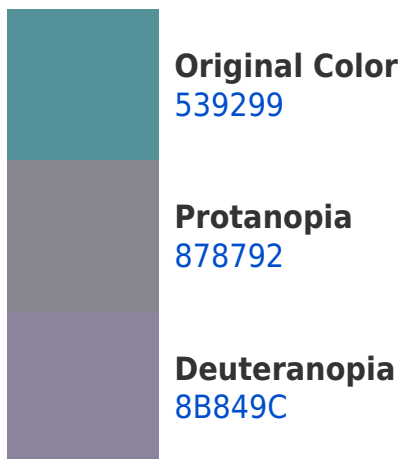



This preview shows how white text looks on a background with the Hex color 539299.

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



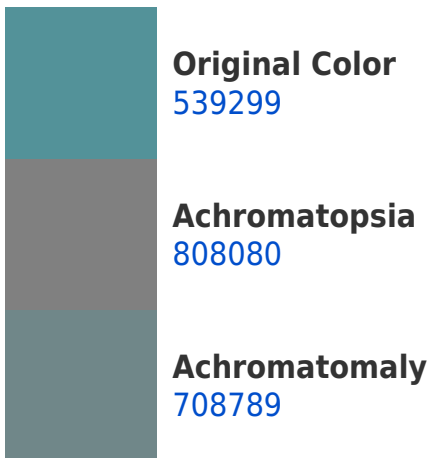


Tritanopia
54919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 539299 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 #539299 looks like.

```
.text, #text, p{  
    color:#539299  
}
```

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 #539299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #539299
}
```

Border

The CSS property to change the border of an element to Hex 539299 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
#539299 }
```

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

```
.border{ border-color:#539299 }
```

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

Here you see how a box with a 4 pixel #539299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #539299; -webkit-box-shadow:4px 4px  
4px 4px #539299; box-shadow:4px 4px 4px  
4px #539299 }
```

Background

The CSS property to change the background color of an element to Hex 539299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#539299 }
```

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

```
.background{ background-color:#539299 }
```

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