

Converting Colors

Hex(56319B)

Have a look what the booklet for
Hex(56319B) contains.

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Color

Hex(56319B)

Conversions

Conversions Part 1

Format	Color
Hex	56319B
RGB	86, 49, 155
RGB Percent	34%, 19%, 61%
CMY	0.6627, 0.8078, 0.3922
CMYK	0.45, 0.68, 0.00, 0.39
HSL	261°, 52%, 40%
HSV	261°, 68%, 61%
XYZ	10.8525, 6.5416, 31.7010
YIQ	72.1470, -11.9740, 40.8100

Conversions

Conversions Part 2

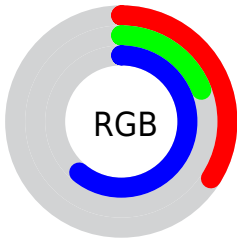
Format	Color
R_{YB}	86, 49, 155
Decimal	5648795
CIE _{Lab}	30.74, 41.10, -51.97
CIE _{LCh}	31, 66.260, 308.340
Yxy	6.5416, 0.2210, 0.1332
Android (android.graphics.Color)	4283838875 (0xFF56319B)
YUV	72.1470, 40.8465, 12.1491
Hunter-Lab	25.5766, 30.9807, -55.5837

Details

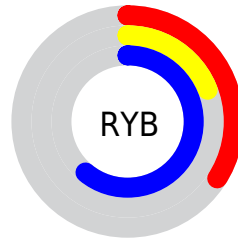
The Hex color **56319B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **769B31**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8D62D2**, and **1C0067** is the 20% darker color. If you saturate the color by 10%, you get **4C219B**, and if you desaturate by 10%, it is **60419B**.

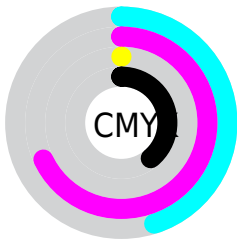
Distribution



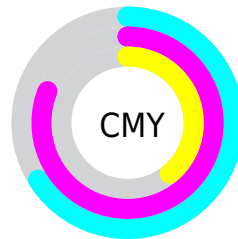
- Red (34%)
- Green (19%)
- Blue (61%)



- Red (34%)
- Yellow (19%)
- Blue (61%)



- Cyan (45%)
- Magenta (68%)
- Yellow (0%)
- Black (39%)



- Cyan (66%)
- Magenta (81%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56319B 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 56319B by changing the saturation by 10% instead.

■ 56319B

■ 56319B

FFFFFF

■ 3A1980

■ 8D62D2

■ 1C0067

■ A97BEF

■ 00004E

■ C696FF

■ 000436

■ E3B1FF

■ 000220

■ FFCDFE

■ 000004

■ FFE9FF

■ 000000

■ 56319B

■ 56319B

■ 4C219B

■ 60419B

■ 42129B

■ 6A509B

■ 38029B

■ 745F9B

■ 36009B

■ 7E6F9B

■ 887E9B

■ 938E9B

■ 9D9D9B

■ A7AD9B

■ B1BC9B

Harmonies

Analogous

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



004BB1



56319B



8E0070

Triad

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



56319B



773700



005D56

Complementary

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



56319B



769B31

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.



005B1E



56319B



4D4B00

Square

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



56319B



940A08



025600



005D88

Rectangle

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



56319B



9C004E



025600



005C44

Sweetspot

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



56319B



AE9FC9



31789B



554D66



E6E6E6



666666

Same Dimension

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



56319B



5E24C9



89319B



48454D



31008C



04000D

Inverse Universe

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



9B3176



C92490



439B31



4D454A



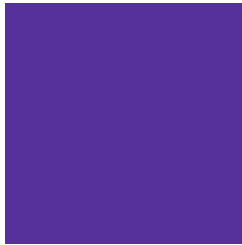
8C005B



0D0008

Previews

White Background



This preview shows how the Hex color 56319B looks on a white background.

Color Contrast Check

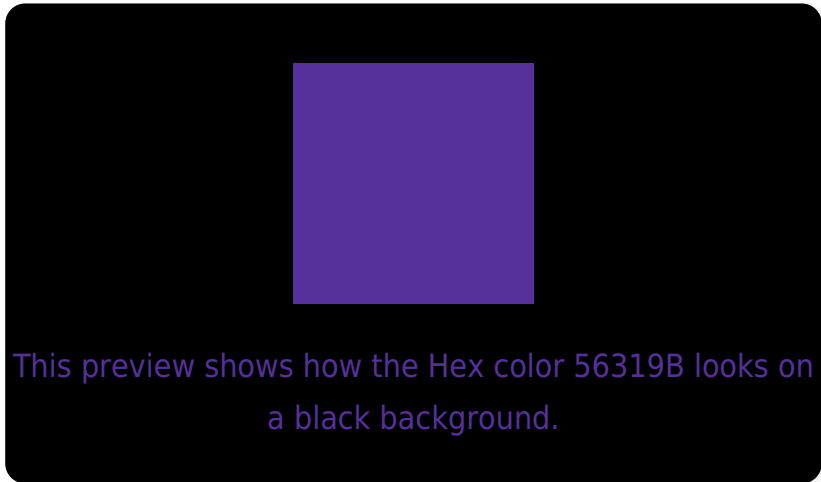
Large Text (above 18pt) WCAG AA ✓ Pass

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

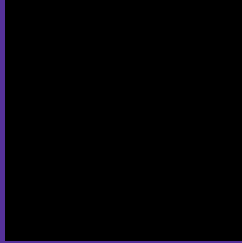
Any Text WCAG AA × Fail

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 56319B Background



This preview shows how black text looks on a background with the Hex color 56319B.

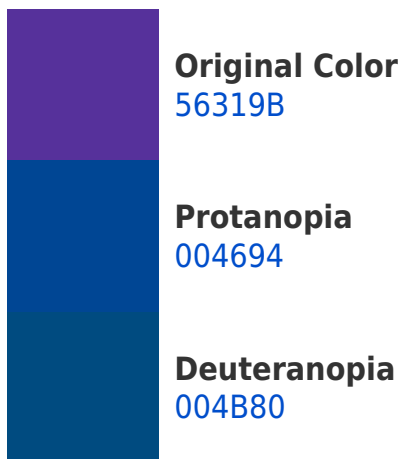



This preview shows how white text looks on a background with the Hex color 56319B.

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](#).

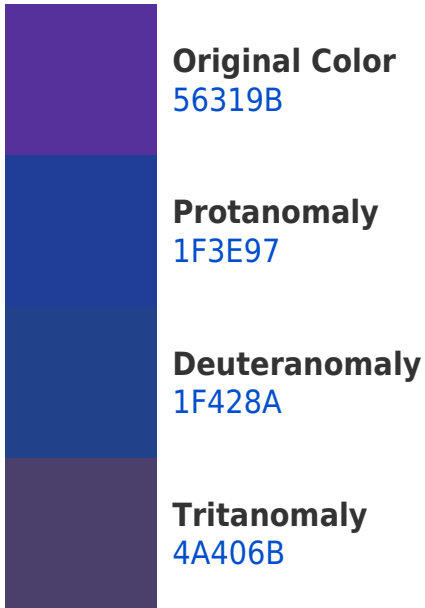
Dichromacy



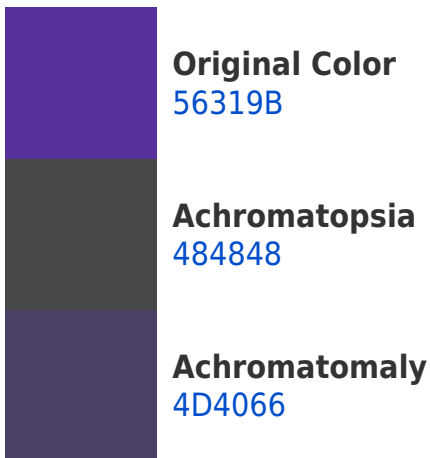


Tritanopia
43494F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56319B 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 #56319B looks like.

```
.text, #text, p{  
    color:#56319B  
}
```

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 #56319B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56319B
}
```

Border

The CSS property to change the border of an element to Hex 56319B 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
#56319B }
```

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

```
.border{ border-color:#56319B }
```

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

Here you see how a box with a 4 pixel #56319B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56319B; -webkit-box-shadow:4px 4px  
4px 4px #56319B; box-shadow:4px 4px 4px  
4px #56319B }
```

Background

The CSS property to change the background color of an element to Hex 56319B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56319B }
```

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

```
.background{ background-color:#56319B }
```

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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