

Converting Colors

Hex(58119E)

Have a look what the booklet for
Hex(58119E) contains.

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Color

Hex(58119E)

Conversions

Conversions Part 1

Format	Color
Hex	58119E
RGB	88, 17, 158
RGB Percent	35%, 7%, 62%
CMY	0.6549, 0.9333, 0.3804
CMYK	0.44, 0.89, 0.00, 0.38
HSL	270°, 81%, 34%
HSV	270°, 89%, 62%
XYZ	10.3965, 4.9442, 32.7541
YIQ	54.3030, -2.9450, 58.9030

Conversions

Conversions Part 2

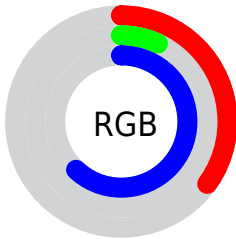
Format	Color
R_{YB}	88, 17, 158
Decimal	5771678
CIE _{Lab}	26.58, 55.61, -60.60
CIE _{LCh}	27, 82.249, 312.539
Yxy	4.9442, 0.2162, 0.1028
Android (android.graphics.Color)	4283961758 (0xFF58119E)
YUV	54.3030, 51.1226, 29.5523
Hunter-Lab	22.2356, 44.5473, -71.7721

Details

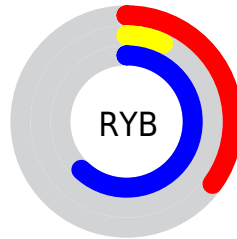
The Hex color **58119E** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **579E11**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **914AD6**, and **190069** is the 20% darker color. If you saturate the color by 10%, you get **50019E**, and if you desaturate by 10%, it is **60219E**.

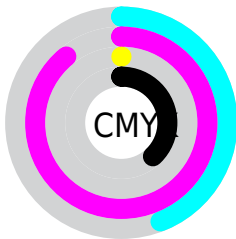
Distribution



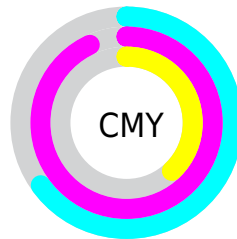
- Red (35%)
- Green (7%)
- Blue (62%)



- Red (35%)
- Yellow (7%)
- Blue (62%)



- Cyan (44%)
- Magenta (89%)
- Yellow (0%)
- Black (38%)



- Cyan (65%)
- Magenta (93%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58119E 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 58119E by changing the saturation by 10% instead.

■ 58119E

■ 58119E

FFFFFF

■ 3B0083

■ 914AD6

■ 190069

■ AE64F3

■ 000050

■ CB7EFF

■ 000538

■ E89AFF

■ 000222

■ FFB5FF

■ 000007

■ FFD2FF

■ 000000

■ FFEFFF

■ 58119E

■ 58119E

■ 50019E

■ 60219E

■ 50009E

■ 68319E

■ 70409E

■ 77509E

■ 7F609E

■ 87709E

■ 8F809E

■ 978F9E

■ 9F9F9E

Harmonies

Analogous

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



0041BE



58119E



960066

Triad

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



58119E



6B2D00



005459

Complementary

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



58119E



579E11

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.



005214



58119E



354500

Square

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



58119E



910000



004F00



005595

Rectangle

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



58119E



A2003D



004F00



005443

Sweetspot

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



58119E



B397CF



11589E



584769



E8E8E8



696969

Same Dimension

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



58119E



6800CF



9E119E



4B474F



48008F



08000F

Inverse Universe

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



9E1157



CF0067



119E11



4F474B



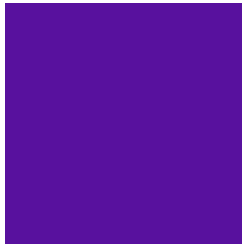
8F0047



0F0008

Previews

White Background



This preview shows how the Hex color 58119E looks on a white background.

Color Contrast Check

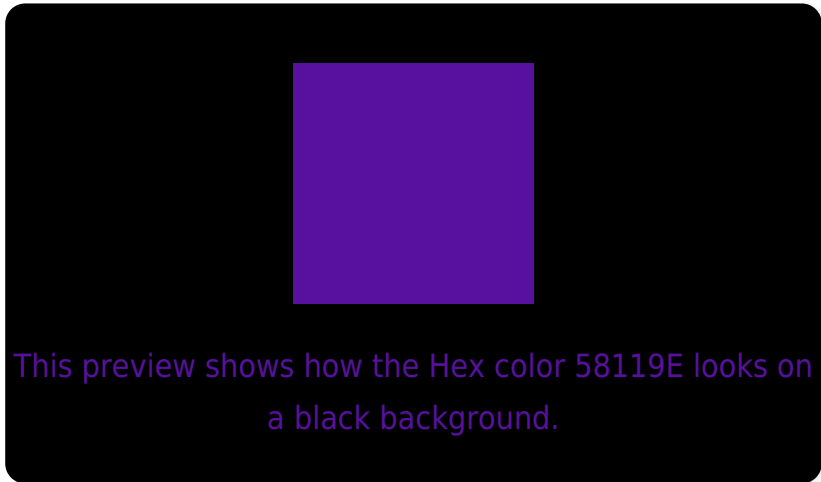
Large Text (above 18pt) WCAG AA ✓ Pass

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

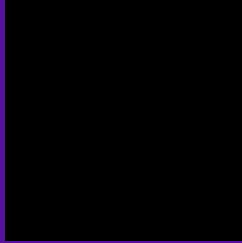
Any Text WCAG AA × Fail

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 58119E Background



This preview shows how black text looks on a background with the Hex color 58119E.



This preview shows how white text looks on a background with the Hex color 58119E.

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
58119E

Protanopia
003E83

Deuteranopia
004270



Tritanopia
433F44

Trichromacy



Original Color
58119E

Protanomaly
202E8D

Deuteranomaly
203081

Tritanomaly
4B2E65

Monochromacy



Original Color
58119E

Achromatopsia
363636

Achromatomaly
42295C

CSS Examples

Text

The CSS property to change the color of the text to Hex 58119E 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 #58119E looks like.

```
.text, #text, p{  
    color:#58119E  
}
```

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 #58119E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58119E
}
```

Border

The CSS property to change the border of an element to Hex 58119E is called "border". The border property can be set on classes, ids or directly on the HTML element.

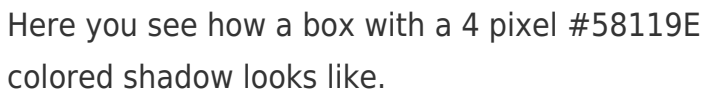
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58119E }
```

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

```
.border{ border-color:#58119E }
```

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



Here you see how a box with a 4 pixel #58119E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58119E; -webkit-box-shadow:4px 4px  
4px 4px #58119E; box-shadow:4px 4px 4px  
4px #58119E }
```

Background

The CSS property to change the background color of an element to Hex 58119E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58119E }
```

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

```
.background{ background-color:#58119E }
```

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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