

Converting Colors

Hex(51019E)

Have a look what the booklet for
Hex(51019E) contains.

Hex(51019E)	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>	28

Color

Hex(51019E)

Conversions

Conversions Part 1

Format	Color
Hex	51019E
RGB	81, 1, 158
RGB Percent	32%, 0%, 62%
CMY	0.6824, 0.9961, 0.3804
CMYK	0.49, 0.99, 0.00, 0.38
HSL	271°, 99%, 31%
HSV	271°, 99%, 62%
XYZ	9.5757, 4.2397, 32.6614
YIQ	42.8180, -2.7170, 65.7870

Conversions

Conversions Part 2

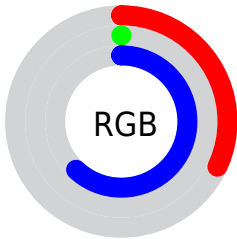
Format	Color
R_{YB}	81, 1, 158
Decimal	5308830
CIE _{Lab}	24.45, 58.31, -64.14
CIE _{LCh}	24, 86.685, 312.273
Yxy	4.2397, 0.2060, 0.0912
Android (android.graphics.Color)	4283498910 (0xFF51019E)
YUV	42.8180, 56.7847, 33.4856
Hunter-Lab	20.5904, 46.9796, -79.6349

Details

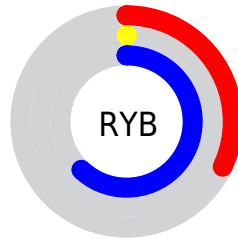
The Hex color **51019E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4E9E01**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8B41D6**, and **0A0069** is the 20% darker color. If you saturate the color by 10%, you get **51009E**, and if you desaturate by 10%, it is **59119E**.

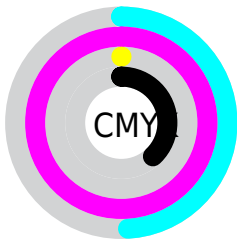
Distribution



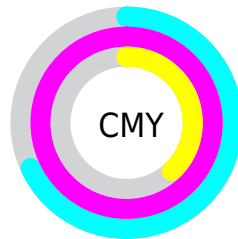
- Red (32%)
- Green (0%)
- Blue (62%)



- Red (32%)
- Yellow (0%)
- Blue (62%)



- Cyan (49%)
- Magenta (99%)
- Yellow (0%)
- Black (38%)



- Cyan (68%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51019E 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 51019E by changing the saturation by 10% instead.

■ 51019E

■ 51019E

FFFFFF

■ 320083

■ 8B41D6

■ 0A0069

■ A85CF3

■ 000050

■ C577FF

■ 000538

■ E392FF

■ 000221

■ FFADFF

■ 000007

■ FFCAFF

■ 000000

■ FFE6FF

■ 51019E

■ 51019E

■ 51009E

■ 59119E

■ 60219E

■ 68309E

■ 70409E

■ 78509E

■ 7F609E

■ 87709E

■ 8F7F9E

■ 978F9E

Harmonies

Analogous

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



003EC0



51019E



930064

Triad

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



51019E



662700



004F55

Complementary

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



51019E



4E9E01

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.



004D0B



51019E



2F4000

Square

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



51019E



8E0000



004A00



005194

Rectangle

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



51019E



A00039



004A00



004F3E

Sweetspot

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



51019E



B091CF



014F9E



564369



E8E8E8



696969

Same Dimension

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



51019E



6900CF



9E019E



4B474F



49008F



08000F

Inverse Universe

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



9E014E



CF0065



019E01



4F474B



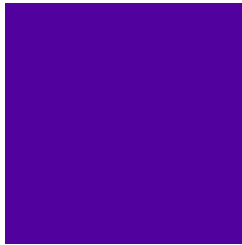
8F0046



0F0008

Previews

White Background



This preview shows how the Hex color 51019E looks on a white background.

Color Contrast Check

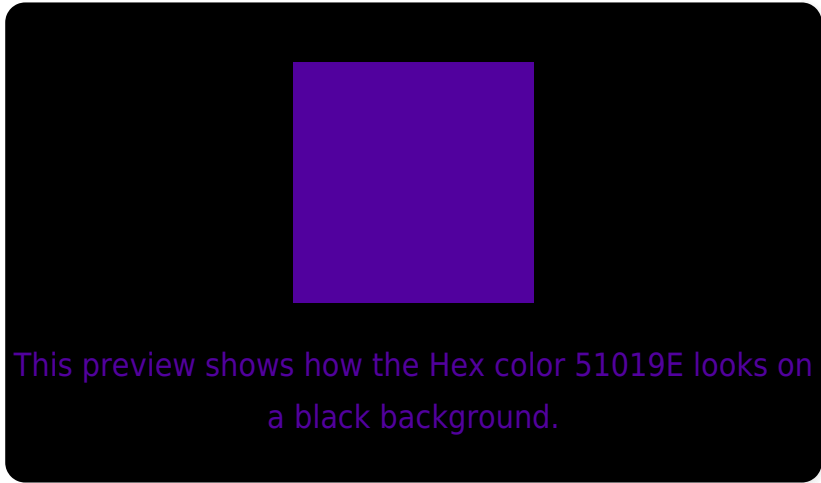
Large Text (above 18pt) WCAG AA ✓ Pass

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

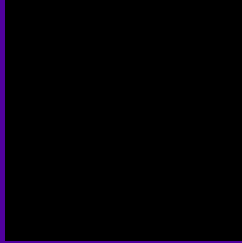
Any Text WCAG AA × Fail

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 51019E Background



This preview shows how black text looks on a background with the Hex color 51019E.

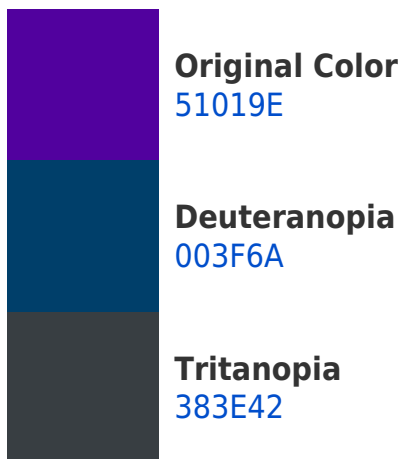


This preview shows how white text looks on a background with the Hex color 51019E.

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



Trichromacy



Original Color
51019E

Deuteranomaly
1D287D

Tritanomaly
412863

Monochromacy



Original Color
51019E

Achromatopsia
2B2B2B

Achromatomaly
391C55

CSS Examples

Text

The CSS property to change the color of the text to Hex 51019E 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 #51019E looks like.

```
.text, #text, p{  
    color:#51019E  
}
```

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 #51019E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51019E
}
```

Border

The CSS property to change the border of an element to Hex 51019E is called "border". The border property can be set on classes, ids or directly on the HTML element.

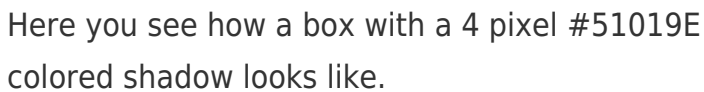
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51019E }
```

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

```
.border{ border-color:#51019E }
```

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



Here you see how a box with a 4 pixel #51019E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51019E; -webkit-box-shadow:4px 4px  
4px 4px #51019E; box-shadow:4px 4px 4px  
4px #51019E }
```

Background

The CSS property to change the background color of an element to Hex 51019E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51019E }
```

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

```
.background{ background-color:#51019E }
```

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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