

Converting Colors

Hex(59157B)

Have a look what the booklet for
Hex(59157B) contains.

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Color

Hex(59157B)

Conversions

Conversions Part 1

Format	Color
Hex	59157B
RGB	89, 21, 123
RGB Percent	35%, 8%, 48%
CMY	0.6510, 0.9176, 0.5176
CMYK	0.28, 0.83, 0.00, 0.52
HSL	280°, 71%, 28%
HSV	280°, 83%, 48%
XYZ	7.9631, 4.0902, 19.1087
YIQ	52.9600, 7.7860, 46.1380

Conversions

Conversions Part 2

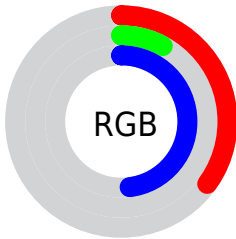
Format	Color
R_{YB}	89, 21, 123
Decimal	5838203
CIE _{Lab}	23.97, 46.51, -43.07
CIE _{LCh}	24, 63.387, 317.203
Yxy	4.0902, 0.2555, 0.1313
Android (android.graphics.Color)	4284028283 (0xFF59157B)
YUV	52.9600, 34.5297, 31.6071
Hunter-Lab	20.2243, 34.8901, -41.8623

Details

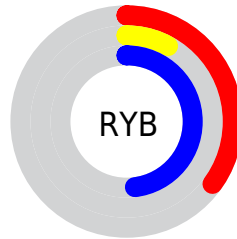
The Hex color **59157B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **377B15**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **8F4AB0**, and **260049** is the 20% darker color. If you saturate the color by 10%, you get **55097B**, and if you desaturate by 10%, it is **5D217B**.

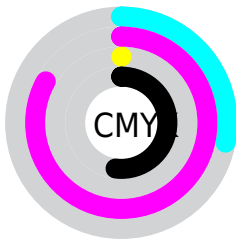
Distribution



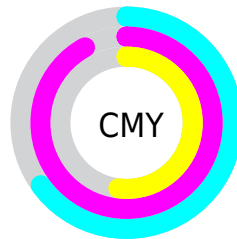
- Red (35%)
- Green (8%)
- Blue (48%)



- Red (35%)
- Yellow (8%)
- Blue (48%)



- Cyan (28%)
- Magenta (83%)
- Yellow (0%)
- Black (52%)



- Cyan (65%)
- Magenta (92%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59157B 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 59157B by changing the saturation by 10% instead.

■ 59157B

■ 59157B

FFFFFF

■ 3F0062

■ 8F4AB0

■ 260049

■ AA63CC

■ 050032

■ C77EE8

■ 00011C

■ E498FF

■ 000000

■ FFB4FF

■ FFD0FF

■ FFEDFF

■ 59157B

■ 59157B

■ 55097B

■ 5D217B

■ 52007B

■ 612E7B

■ 653A7B

■ 69467B

■ 6E527B

■ 725F7B

■ 766B7B

■ 7A777B

■ 7E847B

Harmonies

Analogous

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



003796



59157B



80004F

Triad

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



59157B



583000



004B54

Complementary

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



59157B



377B15

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.



004A22



59157B



2D3F00

Square

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



59157B



770A00



004600



004B7F

Rectangle

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



59157B



870030



004600



004B44

Sweetspot

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



59157B



9378A1



15377B



493952



D1D1D1



525252

Same Dimension

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



59157B



6B00A1



7B156A



3B373D



53007D



A800FC

Inverse Universe

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



7B1537



A10036



157B26



3D3739



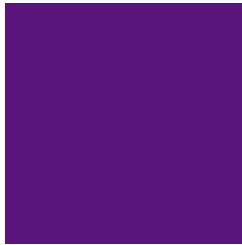
7D002A



FC0054

Previews

White Background



This preview shows how the Hex color 59157B looks on a white background.

Color Contrast Check

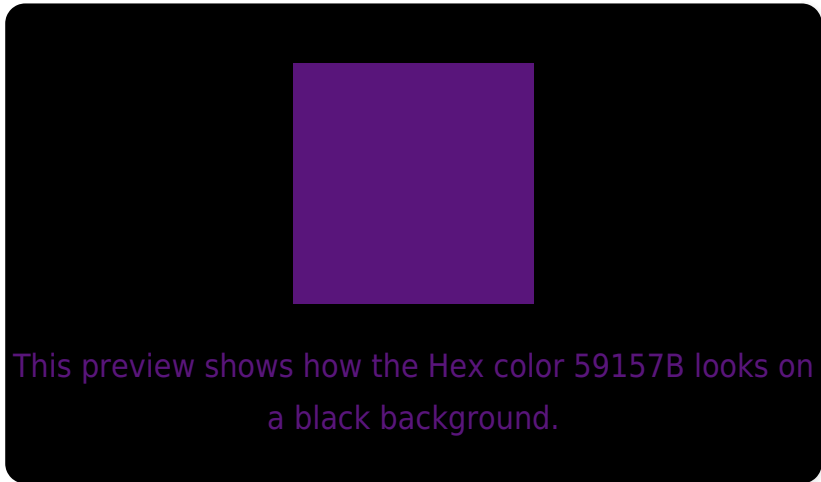
Large Text (above 18pt) WCAG AA ✓ Pass

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

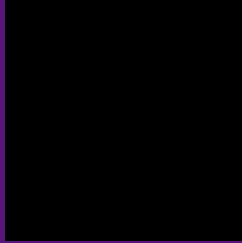
Any Text WCAG AA × Fail

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 59157B Background



This preview shows how black text looks on a background with the Hex color 59157B.



This preview shows how white text looks on a background with the Hex color 59157B.

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
59157B

Protanopia
003977

Deuteranopia
003C68



Tritanopia
4E3337

Trichromacy



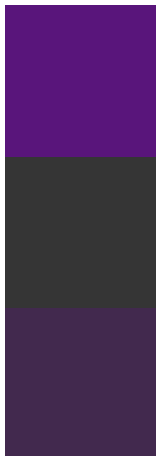
Original Color
59157B

Protanomaly
202C78

Deuteranomaly
202E6F

Tritanomaly
522850

Monochromacy



Original Color
59157B

Achromatopsia
353535

Achromatomaly
42294E

CSS Examples

Text

The CSS property to change the color of the text to Hex 59157B 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 #59157B looks like.

```
.text, #text, p{  
    color:#59157B  
}
```

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 #59157B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59157B  
}
```

Border

The CSS property to change the border of an element to Hex 59157B is called "border". The border property can be set on classes, ids or directly on the HTML element.

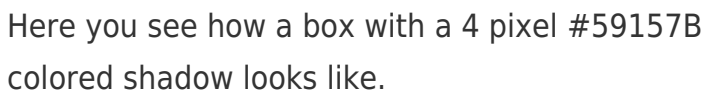
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#59157B }
```

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

```
.border{ border-color:#59157B }
```

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



Here you see how a box with a 4 pixel #59157B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59157B; -webkit-box-shadow:4px 4px  
4px 4px #59157B; box-shadow:4px 4px 4px  
4px #59157B }
```

Background

The CSS property to change the background color of an element to Hex 59157B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59157B }
```

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

```
.background{ background-color:#59157B }
```

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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