

Converting Colors

Hex(59158A)

Have a look what the booklet for
Hex(59158A) contains.

Hex(59158A)	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(59158A)

Conversions

Conversions Part 1

Format	Color
Hex	59158A
RGB	89, 21, 138
RGB Percent	35%, 8%, 54%
CMY	0.6510, 0.9176, 0.4588
CMYK	0.36, 0.85, 0.00, 0.46
HSL	275°, 74%, 31%
HSV	275°, 85%, 54%
XYZ	8.9754, 4.4952, 24.4393
YIQ	54.6700, 2.9710, 50.8030

Conversions

Conversions Part 2

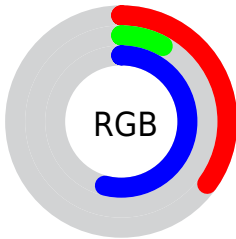
Format	Color
R_{YB}	89, 21, 138
Decimal	5838218
CIE _{Lab}	25.25, 49.91, -50.43
CIE _{LCh}	25, 70.953, 314.700
Yxy	4.4952, 0.2368, 0.1186
Android (android.graphics.Color)	4284028298 (0xFF59158A)
YUV	54.6700, 41.0817, 30.1074
Hunter-Lab	21.2018, 38.4620, -53.5025

Details

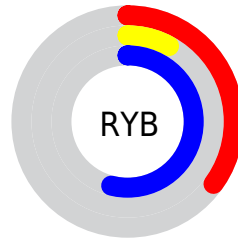
The Hex color **59158A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **468A15**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **904BC0**, and **220057** is the 20% darker color. If you saturate the color by 10%, you get **53078A**, and if you desaturate by 10%, it is **5F238A**.

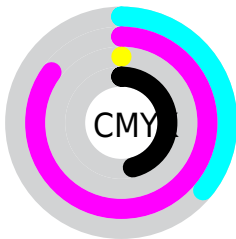
Distribution



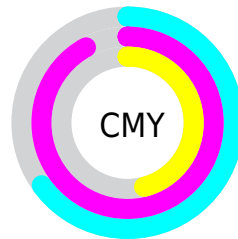
- Red (35%)
- Green (8%)
- Blue (54%)



- Red (35%)
- Yellow (8%)
- Blue (54%)



- Cyan (36%)
- Magenta (85%)
- Yellow (0%)
- Black (46%)



- Cyan (65%)
- Magenta (92%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59158A 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 59158A by changing the saturation by 10% instead.

■ 59158A

■ 59158A

FFFFFF

■ 3E0070

■ 904BC0

■ 220057

■ AC64DD

■ 01003F

■ C97FFA

■ 000328

■ E69AFF

■ 000111

■ FF55FF

■ 000000

■ FFD2FF

■ FFEEFF

■ 59158A

■ 59158A

■ 53078A

■ 5F238A

■ 50008A

■ 65318A

■ 6A3E8A

■ 704C8A

■ 765A8A

■ 7C688A

■ 81768A

■ 87838A

■ 8D918A

Harmonies

Analogous

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



003BA7



59158A



89005A

Triad

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



59158A



602F00



004F56

Complementary

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



59158A



468A15

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.



004E1D



59158A



324200

Square

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



59158A



820000



004A00



004F88

Rectangle

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



59158A



930036



004A00



004F43

Sweetspot

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



59158A



A086B3



15488A



4E3E59



D9D9D9



595959

Same Dimension

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



59158A



6800B3



8A1582



423E45



4D0085



030005

Inverse Universe

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



8A1546



B3004B



158A1D



453E41



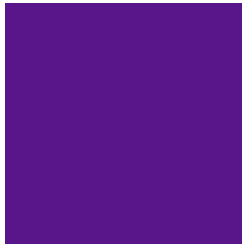
850038



050002

Previews

White Background



This preview shows how the Hex color 59158A looks on a white background.

Color Contrast Check

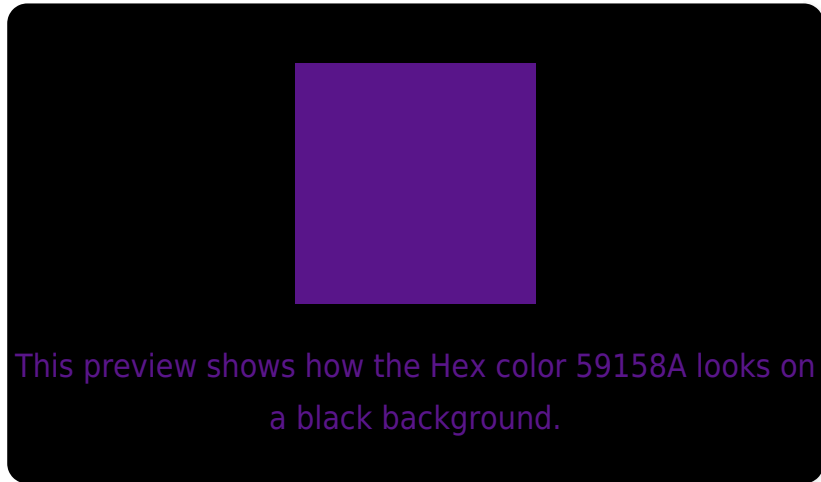
Large Text (above 18pt) WCAG AA ✓ Pass

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

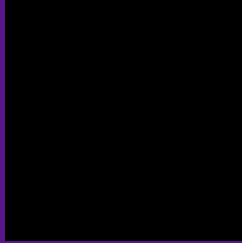
Any Text WCAG AA × Fail

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 59158A Background



This preview shows how black text looks on a background with the Hex color 59158A.



This preview shows how white text looks on a background with the Hex color 59158A.

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](#).

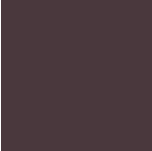
Dichromacy



Original Color
59158A

Protanopia
003B7D

Deuteranopia
003F6C



Tritanopia
4A383D

Trichromacy



Original Color
59158A

Protanomaly
202D82

Deuteranomaly
203077

Tritanomaly
4F2B59

Monochromacy



Original Color
59158A

Achromatopsia
373737

Achromatomaly
432B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 59158A 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 #59158A looks like.

```
.text, #text, p{  
    color:#59158A  
}
```

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 #59158A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59158A
}
```

Border

The CSS property to change the border of an element to Hex 59158A is called "border". The border property can be set on classes, ids or directly on the HTML element.

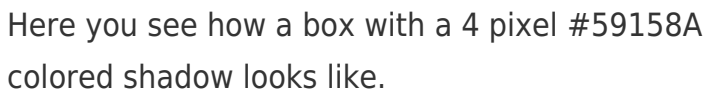
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59158A }
```

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

```
.border{ border-color:#59158A }
```

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



Here you see how a box with a 4 pixel #59158A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59158A; -webkit-box-shadow:4px 4px  
4px 4px #59158A; box-shadow:4px 4px 4px  
4px #59158A }
```

Background

The CSS property to change the background color of an element to Hex 59158A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59158A }
```

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

```
.background{ background-color:#59158A }
```

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