

Converting Colors

Hex(5E198F)

Have a look what the booklet for
Hex(5E198F) contains.

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Color

Hex(5E198F)

Conversions

Conversions Part 1

Format	Color
Hex	5E198F
RGB	94, 25, 143
RGB Percent	37%, 10%, 56%
CMY	0.6314, 0.9020, 0.4392
CMYK	0.34, 0.83, 0.00, 0.44
HSL	275°, 70%, 33%
HSV	275°, 83%, 56%
XYZ	9.9216, 5.0581, 26.4400
YIQ	59.0830, 3.2460, 51.3260

Conversions

Conversions Part 2

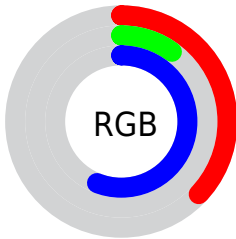
Format	Color
R_{YB}	94, 25, 143
Decimal	6166927
CIE _{Lab}	26.90, 50.51, -50.81
CIE _{LCh}	27, 71.646, 314.831
Yxy	5.0581, 0.2395, 0.1221
Android (android.graphics.Color)	4284357007 (0xFF5E198F)
YUV	59.0830, 41.3711, 30.6222
Hunter-Lab	22.4903, 39.3879, -53.9593

Details

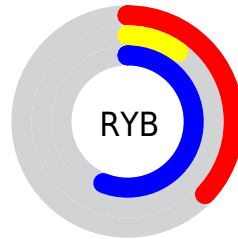
The Hex color **5E198F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4A8F19**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **954EC6**, and **27005B** is the 20% darker color. If you saturate the color by 10%, you get **580B8F**, and if you desaturate by 10%, it is **64278F**.

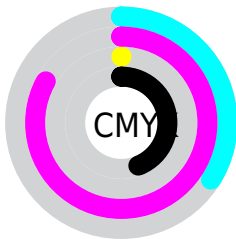
Distribution



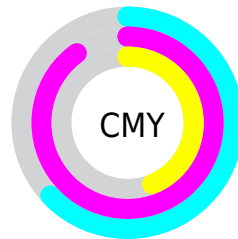
- Red (37%)
- Green (10%)
- Blue (56%)



- Red (37%)
- Yellow (10%)
- Blue (56%)



- Cyan (34%)
- Magenta (83%)
- Yellow (0%)
- Black (44%)



- Cyan (63%)
- Magenta (90%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E198F 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 5E198F by changing the saturation by 10% instead.

■ 5E198F

■ 5E198F

FFFFFF

■ 430075

■ 954EC6

■ 27005B

■ B168E2

■ 0A0043

■ CE83FF

■ 00032C

■ EB9EFF

■ 000116

■ FFBAFF

■ 000000

■ FFD6FF

■ FFF3FF

■ 5E198F

■ 5E198F

■ 580B8F

■ 64278F

■ 54008F

■ 6A368F

■ 70448F

■ 76528F

■ 7C618F

■ 826F8F

■ 887D8F

■ 8E8B8F

■ 939A8F

Harmonies

Analogous

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



003FAD



5E198F



8E005E

Triad

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



5E198F



653300



00545B

Complementary

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



5E198F



4A8F19

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.



005220



5E198F



354600

Square

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



5E198F



880000



004E00



00548D

Rectangle

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



5E198F



98003A



004E00



005348

Sweetspot

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



5E198F



A78CBA



194A8F



53425E



DEDEDE



5E5E5E

Same Dimension

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



5E198F



6E02BA



8F1985



444047



4F0087



040008

Inverse Universe

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



8F194A



BA024E



198F23



474043



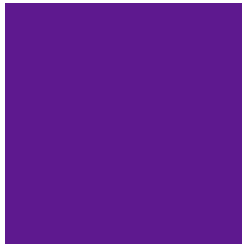
870038



080003

Previews

White Background



This preview shows how the Hex color 5E198F 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

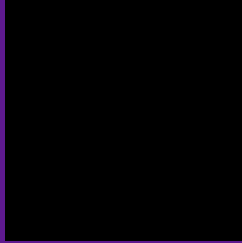
Any Text WCAG AA × Fail

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 5E198F Background



This preview shows how black text looks on a background with the Hex color 5E198F.

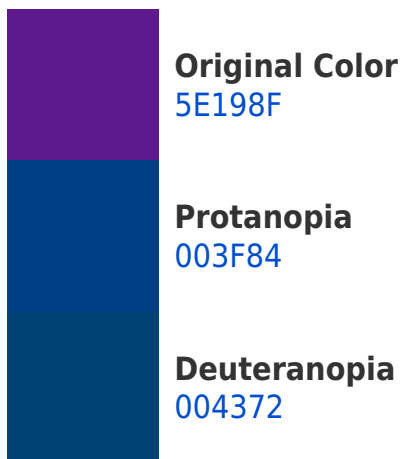


This preview shows how white text looks on a background with the Hex color 5E198F.

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
4F3B40

Trichromacy



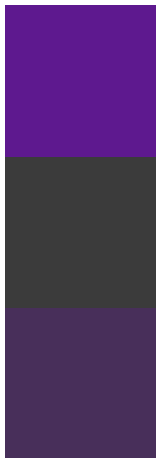
Original Color
5E198F

Protanomaly
223188

Deuteranomaly
22347D

Tritanomaly
542F5D

Monochromacy



Original Color
5E198F

Achromatopsia
3B3B3B

Achromatomaly
482F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E198F 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 #5E198F looks like.

```
.text, #text, p{  
    color:#5E198F  
}
```

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 #5E198F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E198F
}
```

Border

The CSS property to change the border of an element to Hex 5E198F is called "border". The border property can be set on classes, ids or directly on the HTML element.

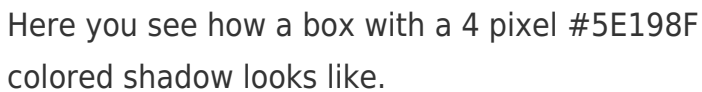
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E198F }
```

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

```
.border{ border-color:#5E198F }
```

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



Here you see how a box with a 4 pixel #5E198F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E198F; -webkit-box-shadow:4px 4px  
4px 4px #5E198F; box-shadow:4px 4px 4px  
4px #5E198F }
```

Background

The CSS property to change the background color of an element to Hex 5E198F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E198F }
```

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

```
.background{ background-color:#5E198F }
```

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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