

Converting Colors

Hex(5E1F8A)

Have a look what the booklet for
Hex(5E1F8A) contains.

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Color

Hex(5E1F8A)

Conversions

Conversions Part 1

Format	Color
Hex	5E1F8A
RGB	94, 31, 138
RGB Percent	37%, 12%, 54%
CMY	0.6314, 0.8784, 0.4588
CMYK	0.32, 0.78, 0.00, 0.46
HSL	275°, 63%, 33%
HSV	275°, 78%, 54%
XYZ	9.6935, 5.1946, 24.5365
YIQ	62.0350, 3.2010, 46.6330

Conversions

Conversions Part 2

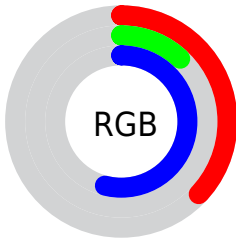
Format	Color
R _Y B	94, 31, 138
Decimal	6168458
CIE Lab	27.28, 47.04, -47.08
CIE LCh	27, 66.558, 314.977
Yxy	5.1946, 0.2459, 0.1318
Android (android.graphics.Color)	4284358538 (0xFF5E1F8A)
YUV	62.0350, 37.4507, 28.0333
Hunter-Lab	22.7917, 36.0321, -47.8746

Details

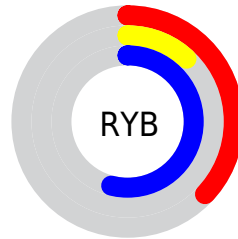
The Hex color **5E1F8A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4B8A1F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9452C0**, and **280057** is the 20% darker color. If you saturate the color by 10%, you get **58118A**, and if you desaturate by 10%, it is **642D8A**.

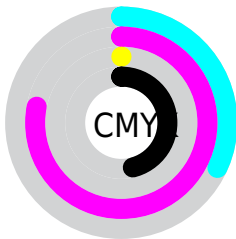
Distribution



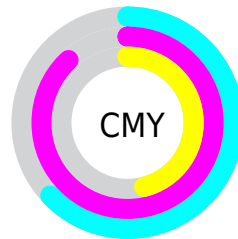
- Red (37%)
- Green (12%)
- Blue (54%)



- Red (37%)
- Yellow (12%)
- Blue (54%)



- Cyan (32%)
- Magenta (78%)
- Yellow (0%)
- Black (46%)



- Cyan (63%)
- Magenta (88%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E1F8A 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 5E1F8A by changing the saturation by 10% instead.

■ 5E1F8A

■ 5E1F8A

FFFFFF

■ 430070

■ 9452C0

■ 280057

■ B06CDC

■ 0F003F

■ CD86F9

■ 000328

■ EAA1FF

■ 000112

■ FFBDFE

■ 000000

■ FFD9FF

■ FFF6FF

■ 5E1F8A

■ 5E1F8A

■ 58118A

■ 642D8A

■ 53038A

■ 693B8A

■ 51008A

■ 6F488A

■ 75568A

■ 7A648A

■ 80728A

■ 86808A

■ 8B8D8A

■ 919B8A

Harmonies

Analogous

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



003FA5



5E1F8A



8B005C

Triad

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



5E1F8A



643500



00545A

Complementary

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



5E1F8A



4B8A1F

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.



005224



5E1F8A



384600

Square

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



5E1F8A



850B00



004F00



005489

Rectangle

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



5E1F8A



94003B



004F00



005348

Sweetspot

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



5E1F8A



A289B3



1F4C8A



4F4059



D9D9D9



595959

Same Dimension

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



5E1F8A



6E0CB3



8A1F81



423E45



4E0085



030005

Inverse Universe

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



8A1F4B



B30C51



1F8A28



453E41



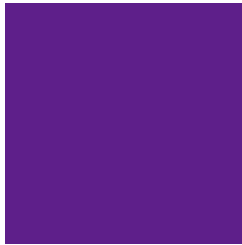
850037



050002

Previews

White Background



This preview shows how the Hex color 5E1F8A looks on a white background.

Color Contrast Check

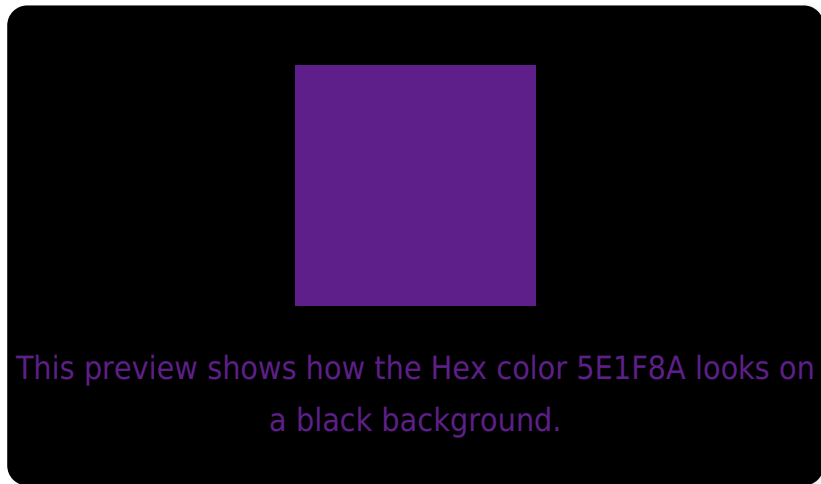
Large Text (above 18pt) WCAG AA ✓ Pass

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

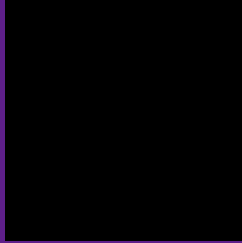
Any Text WCAG AA × Fail

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 5E1F8A Background



This preview shows how black text looks on a background with the Hex color 5E1F8A.



This preview shows how white text looks on a background with the Hex color 5E1F8A.

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](#).

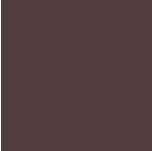
Dichromacy



Original Color
5E1F8A

Protanopia
003F85

Deuteranopia
004374



Tritanopia
513C40

Trichromacy



Original Color
5E1F8A



Protanomaly
223387



Deuteranomaly
22367C



Tritanomaly
56315B

Monochromacy



Original Color
5E1F8A



Achromatopsia
3E3E3E



Achromatomaly
4A335A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E1F8A 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 #5E1F8A looks like.

```
.text, #text, p{  
    color:#5E1F8A  
}
```

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 #5E1F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1F8A
}
```

Border

The CSS property to change the border of an element to Hex 5E1F8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

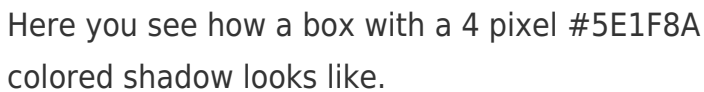
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E1F8A }
```

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

```
.border{ border-color:#5E1F8A }
```

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



Here you see how a box with a 4 pixel #5E1F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1F8A; -webkit-box-shadow:4px 4px  
4px 4px #5E1F8A; box-shadow:4px 4px 4px  
4px #5E1F8A }
```

Background

The CSS property to change the background color of an element to Hex 5E1F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1F8A }
```

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

```
.background{ background-color:#5E1F8A }
```

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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