

Converting Colors

Hex(5F1AAB)

Have a look what the booklet for
Hex(5F1AAB) contains.

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Color

Hex(5F1AAB)

Conversions

Conversions Part 1

Format	Color
Hex	5F1AAB
RGB	95, 26, 171
RGB Percent	37%, 10%, 67%
CMY	0.6275, 0.8980, 0.3294
CMYK	0.44, 0.85, 0.00, 0.33
HSL	269°, 74%, 39%
HSV	269°, 85%, 67%
XYZ	12.4394, 6.1120, 39.0522
YIQ	63.1610, -5.4210, 59.7230

Conversions

Conversions Part 2

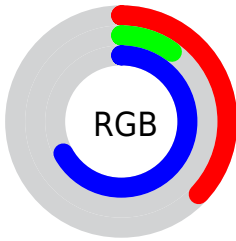
Format	Color
R _Y B	95, 26, 171
Decimal	6232747
CIE Lab	29.69, 56.90, -63.32
CIE LCh	30, 85.131, 311.946
Yxy	6.1120, 0.2159, 0.1061
Android (android.graphics.Color)	4284422827 (0xFF5F1AAB)
YUV	63.1610, 53.1646, 27.9228
Hunter-Lab	24.7224, 46.5505, -76.3505

Details

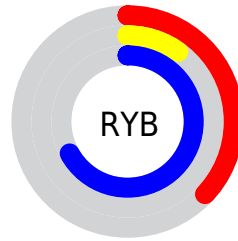
The Hex color **5F1AAB** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **66AB1A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9851E3**, and **210075** is the 20% darker color. If you saturate the color by 10%, you get **5609AB**, and if you desaturate by 10%, it is **682BAB**.

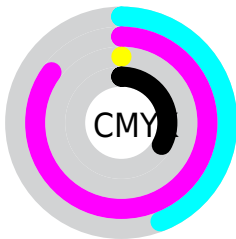
Distribution



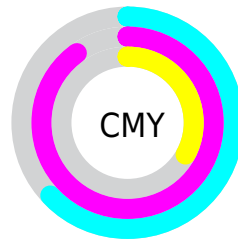
- Red (37%)
- Green (10%)
- Blue (67%)



- Red (37%)
- Yellow (10%)
- Blue (67%)



- Cyan (44%)
- Magenta (85%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (90%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F1AAB 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 5F1AAB by changing the saturation by 10% instead.

5F1AAB

5F1AAB

FFFFFF

420090

9851E3

210075

B66BFF

00005C

D386FF

000043

F1A1FF

00032C

FFBDFF

000116

FFDAFF

000000

FFF7FF

5F1AAB

5F1AAB

5609AB

682BAB

5100AB

713CAB

7A4DAB

835EAB

8C6FAB

9581AB

9E92AB

A7A3AB

B0B4AB

Harmonies

Analogous

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



0049CC



5F1AAB



A10071

Triad

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



5F1AAB



763300



005D60

Complementary

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



5F1AAB



66AB1A

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.



005B18



5F1AAB



3E4C00

Square

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



5F1AAB



9E0000



005700



005E9F

Rectangle

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



5F1AAB



AF0045



005700



005C49

Sweetspot

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



5F1AAB



C1A6DE



1A67AB



5F4F70



F0F0F0



707070

Same Dimension

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



5F1AAB



6A00DE



A61AAB



524E57



480096



0B0017

Inverse Universe

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



AB1A66



DE0074



1FAB1A



574E53



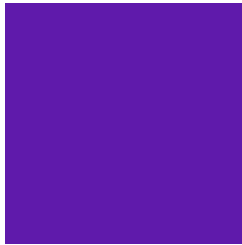
96004F



17000C

Previews

White Background



This preview shows how the Hex color 5F1AAB looks on a white background.

Color Contrast Check

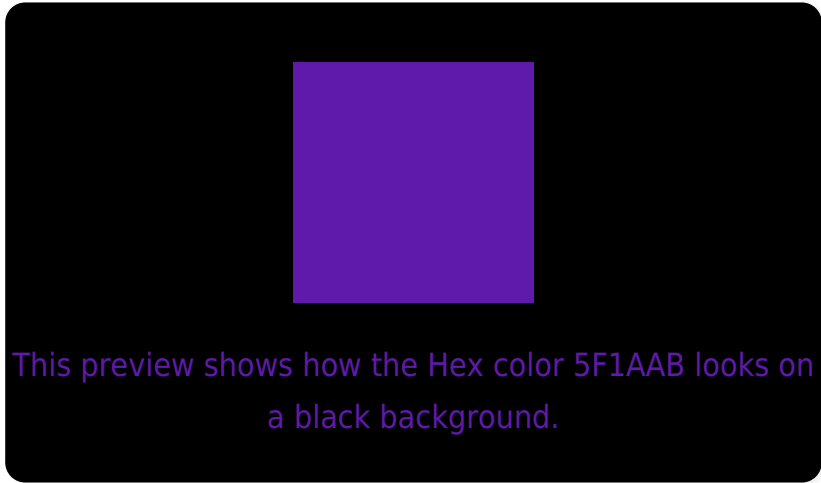
Large Text (above 18pt) WCAG AA ✓ Pass

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

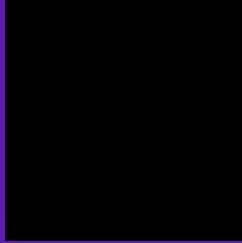
Any Text WCAG AA × Fail

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 5F1AAB Background



This preview shows how black text looks on a background with the Hex color 5F1AAB.

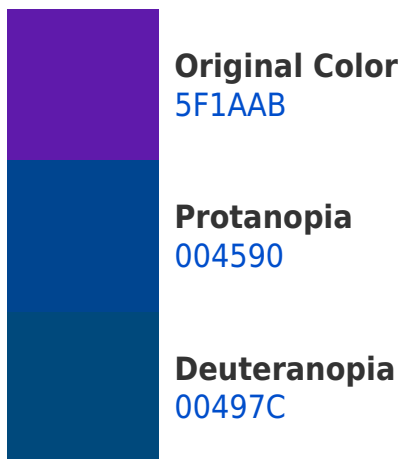


This preview shows how white text looks on a background with the Hex color 5F1AAB.

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
48464B

Trichromacy



Original Color
5F1AAB



Protanomaly
23359A



Deuteranomaly
23388D



Tritanomaly
50366E

Monochromacy



Original Color
5F1AAB



Achromatopsia
3F3F3F



Achromatomaly
4B3266

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F1AAB 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 #5F1AAB looks like.

```
.text, #text, p{  
    color:#5F1AAB  
}
```

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 #5F1AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1AAB
}
```

Border

The CSS property to change the border of an element to Hex 5F1AAB is called "border". The border property can be set on classes, ids or directly on the HTML element.

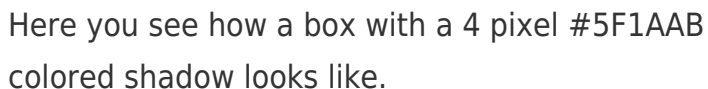
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F1AAB }
```

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

```
.border{ border-color:#5F1AAB }
```

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



Here you see how a box with a 4 pixel #5F1AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1AAB; -webkit-box-shadow:4px 4px  
4px 4px #5F1AAB; box-shadow:4px 4px 4px  
4px #5F1AAB }
```

Background

The CSS property to change the background color of an element to Hex 5F1AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1AAB }
```

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

```
.background{ background-color:#5F1AAB }
```

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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