

Converting Colors

Hex(5F00A0)

Have a look what the booklet for
Hex(5F00A0) contains.

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Color

Hex(5F00A0)

Conversions

Conversions Part 1

Format	Color
Hex	5F00A0
RGB	95, 0, 160
RGB Percent	37%, 0%, 63%
CMY	0.6275, 1.0000, 0.3725
CMYK	0.41, 1.00, 0.00, 0.37
HSL	276°, 100%, 31%
HSV	276°, 100%, 63%
XYZ	11.0645, 4.9710, 33.6340
YIQ	46.6450, 5.2600, 69.9000

Conversions

Conversions Part 2

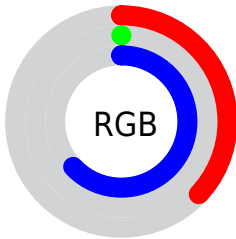
Format	Color
RYB	95, 0, 160
Decimal	6226080
CIELab	26.65, 60.29, -61.66
CIElCh	27, 86.239, 314.358
Yxy	4.9710, 0.2228, 0.1001
Android (android.graphics.Color)	4284416160 (0xFF5F00A0)
YUV	46.6450, 55.8840, 42.4073
Hunter-Lab	22.2957, 49.5653, -73.8348

Details

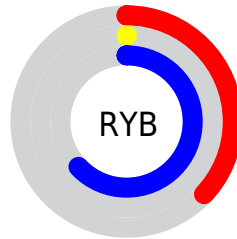
The Hex color **5F00A0** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **41A000**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9844D8**, and **23006B** is the 20% darker color. If you saturate the color by 10%, you get **5F00A0**, and if you desaturate by 10%, it is **6510A0**.

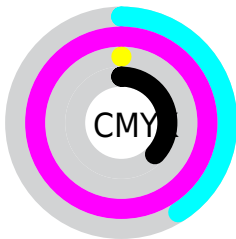
Distribution



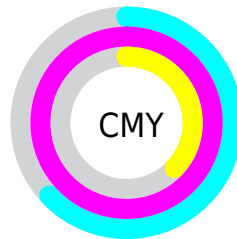
- Red (37%)
- Green (0%)
- Blue (63%)



- Red (37%)
- Yellow (0%)
- Blue (63%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (63%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F00A0 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 5F00A0 by changing the saturation by 10% instead.

 5F00A0

 5F00A0

FFFFFF

 420085

 9844D8

 23006B

 B55FF5

 000052

 D27AFF

 00033A

 F095FF

 000223

 FFB1FF

 00000A

 FFCEFF

 000000

 FFE8FF

 5F00A0

 6510A0

 6C20A0

 7230A0

 7940A0

 8050A0

 8660A0

 8D70A0

 9380A0

 9A90A0

Harmonies

Analogous

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



0040C4



5F00A0



9C0064

Triad

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



5F00A0



692E00



00555F

Complementary

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



5F00A0



41A000

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.



005317



5F00A0



304600

Square

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



5F00A0



920000



005000



00569D

Rectangle

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



5F00A0



A70039



005000



005448

Sweetspot

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



5F00A0



B892D1



0043A0



594369



E8E8E8



696969

Same Dimension

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



5F00A0



7C00D1



A00093



4C474F



55008F



09000F

Inverse Universe

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



A00041



D10055



00A00D



4F474A



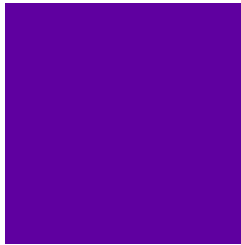
8F003A



0F0006

Previews

White Background



This preview shows how the Hex color 5F00A0 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

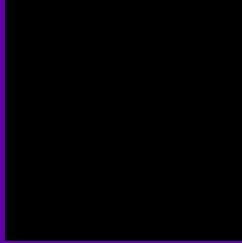
Any Text WCAG AA × Fail

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 5F00A0 Background



This preview shows how black text looks on a background with the Hex color 5F00A0.



This preview shows how white text looks on a background with the Hex color 5F00A0.

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
5F00A0

Protanopia
004086

Deuteranopia
004473



Tritanopia
4B3E43

Trichromacy



Original Color
5F00A0



Protanomaly
23298F



Deuteranomaly
232B83



Tritanomaly
522765

Monochromacy



Original Color
5F00A0



Achromatopsia
2F2F2F



Achromatomaly
401E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F00A0 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 #5F00A0 looks like.

```
.text, #text, p{  
    color:#5F00A0  
}
```

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 #5F00A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F00A0
}
```

Border

The CSS property to change the border of an element to Hex 5F00A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

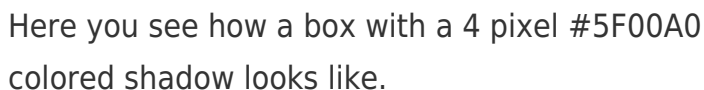
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F00A0 }
```

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

```
.border{ border-color:#5F00A0 }
```

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



Here you see how a box with a 4 pixel #5F00A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F00A0; -webkit-box-shadow:4px 4px  
4px 4px #5F00A0; box-shadow:4px 4px 4px  
4px #5F00A0 }
```

Background

The CSS property to change the background color of an element to Hex 5F00A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F00A0 }
```

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

```
.background{ background-color:#5F00A0 }
```

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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