

Converting Colors

Hex(5B0F87)

Have a look what the booklet for
Hex(5B0F87) contains.

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Color

Hex(5B0F87)

Conversions

Conversions Part 1

Format	Color
Hex	5B0F87
RGB	91, 15, 135
RGB Percent	36%, 6%, 53%
CMY	0.6431, 0.9412, 0.4706
CMYK	0.33, 0.89, 0.00, 0.47
HSL	278°, 80%, 29%
HSV	278°, 89%, 53%
XYZ	8.8584, 4.3151, 23.2877
YIQ	51.4040, 6.7760, 53.4320

Conversions

Conversions Part 2

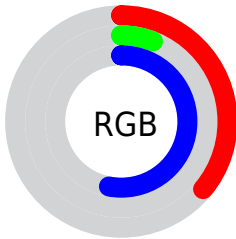
Format	Color
R_{YB}	91, 15, 135
Decimal	5967751
CIE _{Lab}	24.69, 51.32, -49.46
CIE _{LCh}	25, 71.272, 316.060
Yxy	4.3151, 0.2430, 0.1183
Android (android.graphics.Color)	4284157831 (0xFF5B0F87)
YUV	51.4040, 41.2128, 34.7257
Hunter-Lab	20.7727, 39.7678, -51.9273

Details

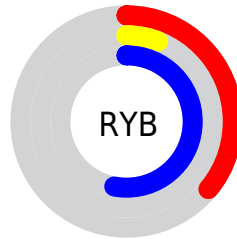
The Hex color **5B0F87** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3B870F**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9247BD**, and **250054** is the 20% darker color. If you saturate the color by 10%, you get **560287**, and if you desaturate by 10%, it is **601D87**.

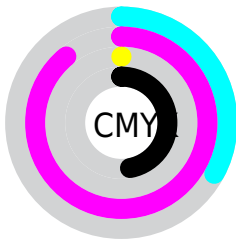
Distribution



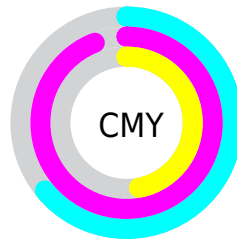
- Red (36%)
- Green (6%)
- Blue (53%)



- Red (36%)
- Yellow (6%)
- Blue (53%)



- Cyan (33%)
- Magenta (89%)
- Yellow (0%)
- Black (47%)



- Cyan (64%)
- Magenta (94%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B0F87 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 5B0F87 by changing the saturation by 10% instead.

■ 5B0F87

■ 5B0F87

FFFFFF

■ 40006D

■ 9247BD

■ 250054

■ AE61D9

■ 04003C

■ CB7CF6

■ 000225

■ E897FF

■ 00010E

■ FFB2FF

■ 000000

■ FFCFFF

■ FFE8FF

■ 5B0F87

■ 5B0F87

■ 560287

■ 601D87

■ 560087

■ 652A87

■ 6A3887

■ 6F4587

■ 745387

■ 796087

■ 7E6E87

■ 837B87

■ 888987

Harmonies

Analogous

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



0039A5



5B0F87



890056

Triad

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



5B0F87



5D2F00



004E57

Complementary

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



5B0F87



3B870F

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.



004C1E



5B0F87



2D4100

Square

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



5B0F87



7F0000



004900



004E89

Rectangle

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



5B0F87



910033



004900



004D45

Sweetspot

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



5B0F87



9F80B0



0F3B87



4F3D59



D9D9D9



595959

Same Dimension

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



5B0F87



6F00B0



870F77



403C42



520082



020003

Inverse Universe

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



870F3B



B00041



0F871F



423C3E



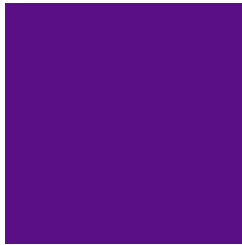
820030



030001

Previews

White Background



This preview shows how the Hex color 5B0F87 looks on a white background.

Color Contrast Check

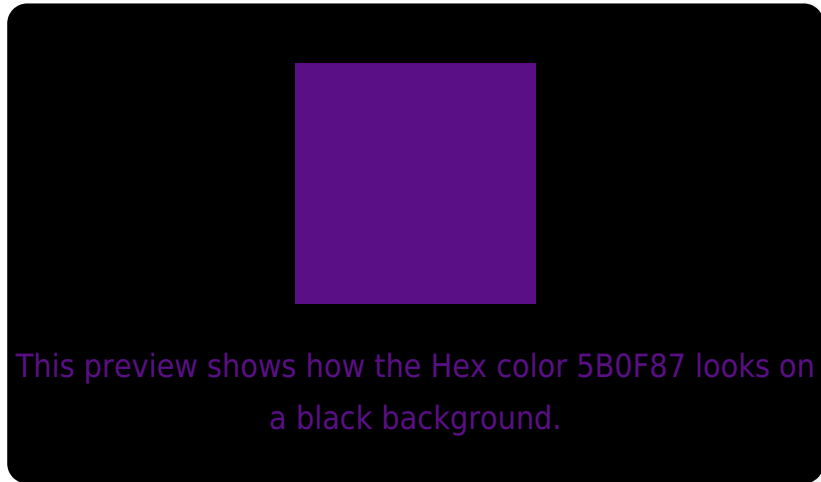
Large Text (above 18pt) WCAG AA ✓ Pass

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

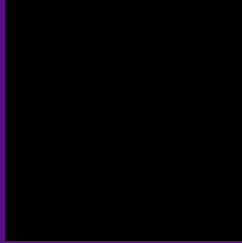
Any Text WCAG AA × Fail

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 5B0F87 Background



This preview shows how black text looks on a background with the Hex color 5B0F87.



This preview shows how white text looks on a background with the Hex color 5B0F87.

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](#).

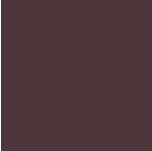
Dichromacy



Original Color
5B0F87

Protanopia
003A7B

Deuteranopia
003E6B



Tritanopia
4D363A

Trichromacy



Original Color
5B0F87



Protanomaly
212A7F



Deuteranomaly
212D75



Tritanomaly
522856

Monochromacy



Original Color
5B0F87



Achromatopsia
333333



Achromatomaly
422652

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0F87 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 #5B0F87 looks like.

```
.text, #text, p{  
    color:#5B0F87  
}
```

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 #5B0F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0F87
}
```

Border

The CSS property to change the border of an element to Hex 5B0F87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

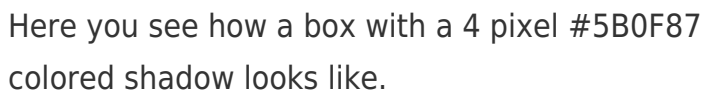
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B0F87 }
```

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

```
.border{ border-color:#5B0F87 }
```

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



Here you see how a box with a 4 pixel #5B0F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0F87; -webkit-box-shadow:4px 4px  
4px 4px #5B0F87; box-shadow:4px 4px 4px  
4px #5B0F87 }
```

Background

The CSS property to change the background color of an element to Hex 5B0F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0F87 }
```

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

```
.background{ background-color:#5B0F87 }
```

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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