

Converting Colors

Hex(5A17B5)

Have a look what the booklet for
Hex(5A17B5) contains.

Hex(5A17B5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A17B5)

Conversions

Conversions Part 1

Format	Color
Hex	5A17B5
RGB	90, 23, 181
RGB Percent	35%, 9%, 71%
CMY	0.6471, 0.9098, 0.2902
CMYK	0.50, 0.87, 0.00, 0.29
HSL	265°, 77%, 40%
HSV	265°, 87%, 71%
XYZ	12.8633, 6.1226, 44.2199
YIQ	61.0450, -10.7860, 63.3420

Conversions

Conversions Part 2

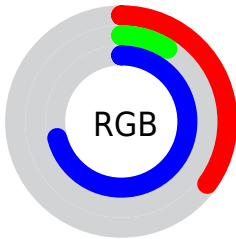
Format	Color
RYB	90, 23, 181
Decimal	5904309
CIELab	29.72, 59.64, -69.28
CIElCh	30, 91.417, 310.723
Yxy	6.1226, 0.2035, 0.0969
Android (android.graphics.Color)	4284094389 (0xFF5A17B5)
YUV	61.0450, 59.1378, 25.3935
Hunter-Lab	24.7440, 49.4925, -88.6361

Details

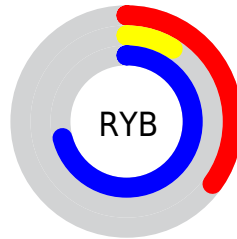
The Hex color **5A17B5** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **72B517**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **954FEE**, and **12007F** is the 20% darker color. If you saturate the color by 10%, you get **5005B5**, and if you desaturate by 10%, it is **6429B5**.

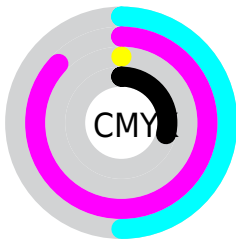
Distribution



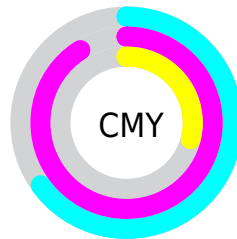
- Red (35%)
- Green (9%)
- Blue (71%)



- Red (35%)
- Yellow (9%)
- Blue (71%)



- Cyan (50%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (65%)
- Magenta (91%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A17B5 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 5A17B5 by changing the saturation by 10% instead.

5A17B5

5A17B5

FFFFFF

3B0099

954FEE

12007F

B36AFF

000065

D084FF

00004C

EEA0FF

000434

FFBCFF

00021E

FFD8FF

000000

FFF5FF

5A17B5

5A17B5

■ 5005B5

■ 6429B5

■ 4D00B5

■ 6F3BB5

■ 794DB5

■ 845FB5

■ 8E72B5

■ 9984B5

■ A396B5

■ ADA8B5

■ B8BAB5

Harmonies

Analogous

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



004BD7



5A17B5



A50077

Triad

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



5A17B5



7A2F00



005E5F

Complementary

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



5A17B5



72B517

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.



005B0F



5A17B5



3F4C00

Square

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



5A17B5



A40000



005700



005FA4

Rectangle

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



5A17B5



B60048



005700



005D46

Sweetspot

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



5A17B5



C7AEEB



1773B5



605175



F5F5F5



757575

Same Dimension

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



5A17B5



6300EB



A817B5



545059



410099



0B001A

Inverse Universe

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



B51772



EB0087



24B517



595055



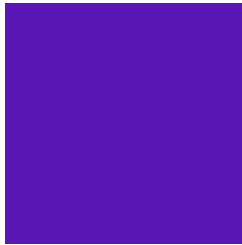
990058



1A000F

Previews

White Background



This preview shows how the Hex color 5A17B5 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

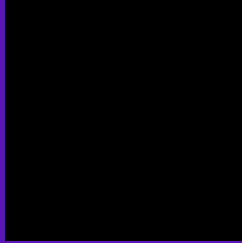
Any Text WCAG AA × Fail

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 5A17B5 Background



This preview shows how black text looks on a background with the Hex color 5A17B5.



This preview shows how white text looks on a background with the Hex color 5A17B5.

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](#).

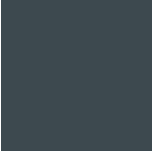
Dichromacy



Original Color
5A17B5

Protanopia
004590

Deuteranopia
00497B



Tritanopia
3D494F

Trichromacy



Original Color
5A17B5



Protanomaly
21349D



Deuteranomaly
213790



Tritanomaly
483774

Monochromacy



Original Color
5A17B5



Achromatopsia
3D3D3D



Achromatomaly
482F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A17B5 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 #5A17B5 looks like.

```
.text, #text, p{  
  color:#5A17B5  
}
```

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 #5A17B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A17B5
}
```

Border

The CSS property to change the border of an element to Hex 5A17B5 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
#5A17B5 }
```

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

```
.border{ border-color:#5A17B5 }
```

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

Here you see how a box with a 4 pixel #5A17B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A17B5; -webkit-box-shadow:4px 4px  
4px 4px #5A17B5; box-shadow:4px 4px 4px  
4px #5A17B5 }
```

Background

The CSS property to change the background color of an element to Hex 5A17B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A17B5 }
```

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

```
.background{ background-color:#5A17B5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor