

Converting Colors

Hex(5C0EAB)

Have a look what the booklet for
Hex(5C0EAB) contains.

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Color

Hex(5C0EAB)

Conversions

Conversions Part 1

Format	Color
Hex	5C0EAB
RGB	92, 14, 171
RGB Percent	36%, 5%, 67%
CMY	0.6392, 0.9451, 0.3294
CMYK	0.46, 0.92, 0.00, 0.33
HSL	270°, 85%, 36%
HSV	270°, 92%, 67%
XYZ	11.9214, 5.5297, 38.9671
YIQ	55.2200, -3.9090, 65.3630

Conversions

Conversions Part 2

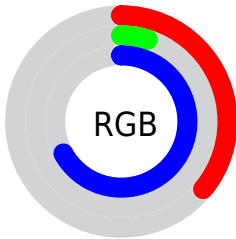
Format	Color
RYB	92, 14, 171
Decimal	6033067
CIELab	28.19, 59.79, -65.80
CIELCh	28, 88.911, 312.262
Yxy	5.5297, 0.2113, 0.0980
Android (android.graphics.Color)	4284223147 (0xFF5C0EAB)
YUV	55.2200, 57.0795, 32.2561
Hunter-Lab	23.5152, 49.3413, -81.7888

Details

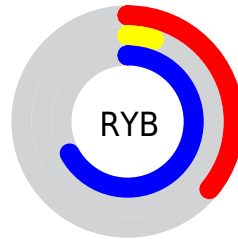
The Hex color **5C0EAB** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5DAB0E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **964AE4**, and **1A0075** is the 20% darker color. If you saturate the color by 10%, you get **5500AB**, and if you desaturate by 10%, it is **651FAB**.

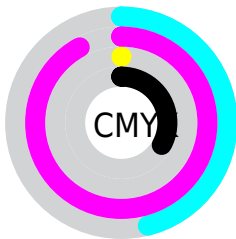
Distribution



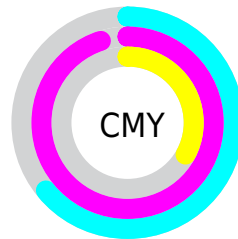
- Red (36%)
- Green (5%)
- Blue (67%)



- Red (36%)
- Yellow (5%)
- Blue (67%)



- Cyan (46%)
- Magenta (92%)
- Yellow (0%)
- Black (33%)



- Cyan (64%)
- Magenta (95%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0EAB 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 5C0EAB by changing the saturation by 10% instead.

 5C0EAB

 5C0EAB

FFFFFF

 3E0090

 964AE4

 1A0075

 B365FF

 00005C

 D17FFF

 000043

 EF9BFF

 00032C

 FFB7FF

 000116

 FFD3FF

 000000

 FFF0FF

 5C0EAB

 5C0EAB

■ 5500AB

■ 651FAB

■ 6D30AB

■ 7641AB

■ 7E52AB

■ 8764AB

■ 9075AB

■ 9886AB

■ A197AB

■ A9A8AB

Harmonies

Analogous

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



0046CE



5C0EAB



A0006E

Triad

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



5C0EAB



722E00



00595E

Complementary

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



5C0EAB



5DAB0E

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.



005712



5C0EAB



384900

Square

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



5C0EAB



9B0000



005300



005BA0

Rectangle

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



5C0EAB



AF0041



005300



005946

Sweetspot

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



5C0EAB



BFA0DE



0E5FAB



5D4A70



F0F0F0



707070

Same Dimension

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



5C0EAB



6E00DE



A80EAB



524E57



4B0096



0B0017

Inverse Universe

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



AB0E5D



DE0070



11AB0E



574E52



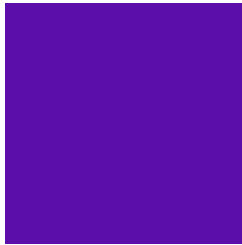
96004C



17000C

Previews

White Background



This preview shows how the Hex color 5C0EAB looks on a white background.

Color Contrast Check

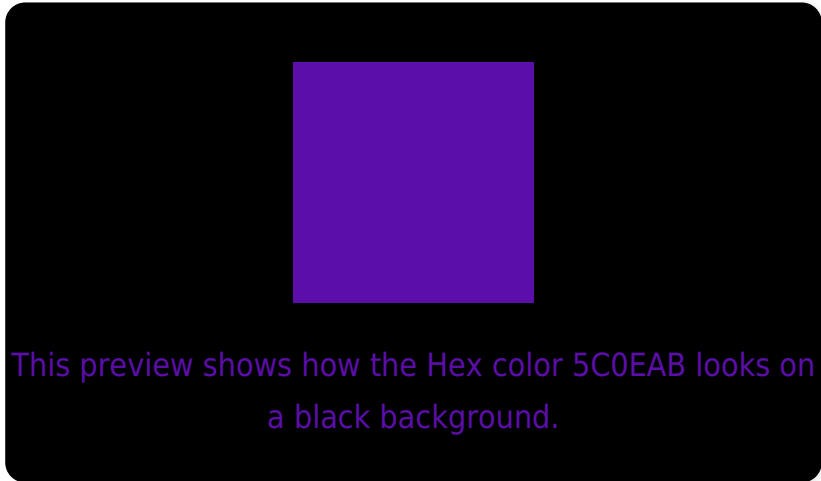
Large Text (above 18pt) WCAG AA ✓ Pass

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

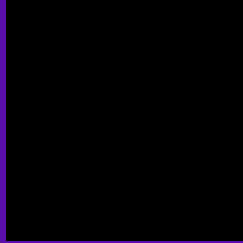
Any Text WCAG AA × Fail

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 5C0EAB Background



This preview shows how black text looks on a background with the Hex color 5C0EAB.



This preview shows how white text looks on a background with the Hex color 5C0EAB.

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](#).

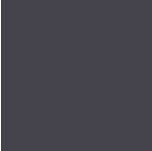
Dichromacy



Original Color
5C0EAB

Protanopia
00428A

Deuteranopia
004676



Tritanopia
434349

Trichromacy



Original Color
5C0EAB



Protanomaly
212F96



Deuteranomaly
213289



Tritanomaly
4C306D

Monochromacy



Original Color
5C0EAB



Achromatopsia
373737



Achromatomaly
442861

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0EAB 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 #5C0EAB looks like.

```
.text, #text, p{  
    color:#5C0EAB  
}
```

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 #5C0EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0EAB
}
```

Border

The CSS property to change the border of an element to Hex 5C0EAB 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
#5C0EAB }
```

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

```
.border{ border-color:#5C0EAB }
```

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

Here you see how a box with a 4 pixel #5C0EAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0EAB; -webkit-box-shadow:4px 4px  
4px 4px #5C0EAB; box-shadow:4px 4px 4px  
4px #5C0EAB }
```

Background

The CSS property to change the background color of an element to Hex 5C0EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0EAB }
```

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

```
.background{ background-color:#5C0EAB }
```

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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