

Converting Colors

Hex(5B00EB)

Have a look what the booklet for
Hex(5B00EB) contains.

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Color

Hex(5B00EB)

Conversions

Conversions Part 1

Format	Color
Hex	5B00EB
RGB	91, 0, 235
RGB Percent	36%, 0%, 92%
CMY	0.6431, 1.0000, 0.0784
CMYK	0.61, 1.00, 0.00, 0.08
HSL	263°, 100%, 46%
HSV	263°, 100%, 92%
XYZ	19.3098, 8.2223, 79.1666
YIQ	53.9990, -21.1990, 92.3770

Conversions

Conversions Part 2

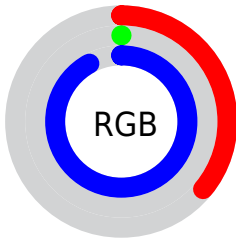
Format	Color
R _Y B	91, 0, 235
Decimal	5964011
CIE Lab	34.44, 76.51, -92.87
CIE LCh	34, 120.332, 309.483
Yxy	8.2223, 0.1810, 0.0771
Android (android.graphics.Color)	4284154091 (0xFF5B00EB)
YUV	53.9990, 89.2335, 32.4499
Hunter-Lab	28.6746, 70.0235, -143.6195

Details

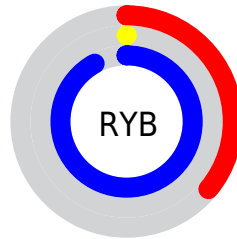
The Hex color **5B00EB** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **90EB00**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9E4BFF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **5B00EB**, and if you desaturate by 10%, it is **6917EB**.

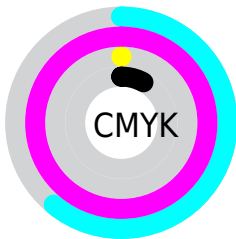
Distribution



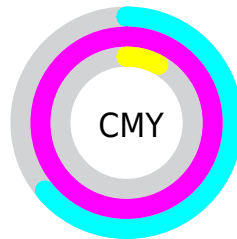
- Red (36%)
- Green (0%)
- Blue (92%)



- Red (36%)
- Yellow (0%)
- Blue (92%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)



- Cyan (64%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B00EB 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 5B00EB by changing the saturation by 10% instead.

 5B00EB

 5B00EB

FFFFFF

 3200CE

 9E4BFF

 0000B1

 BE68FF

 000096

 DD83FF

 00007B

 FDA0FF

 000860

 FFBCFF

 000848

 FFD9FF

 000430

 FFF7FF

 00011A

 000000

 5B00EB

 6917EB

 782FEB

 8647EB

 955EEB

 A376EB

 B18DEB

 C0A4EB

 CEBCEB

 DDD3EB

Harmonies

Analogous

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



005BFF



5B00EB



CE0097

Triad

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



5B00EB



962C00



006D6F

Complementary

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



5B00EB



90EB00

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.



006B00



5B00EB



475800

Square

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



5B00EB



CD0000



006600



0071CD

Rectangle

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



5B00EB



E40058



006600



006C4D

Sweetspot

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



5B00EB



D0B3FF



0091EB



635280



000000



808080

Same Dimension

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



5B00EB



6300FF



D000EB



6E6A75



4600B5



150036

Inverse Universe

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



EB0090



FF009C



1BEB00



756A71



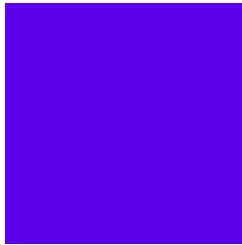
B5006F



360021

Previews

White Background



This preview shows how the Hex color 5B00EB looks on a white background.

Color Contrast Check

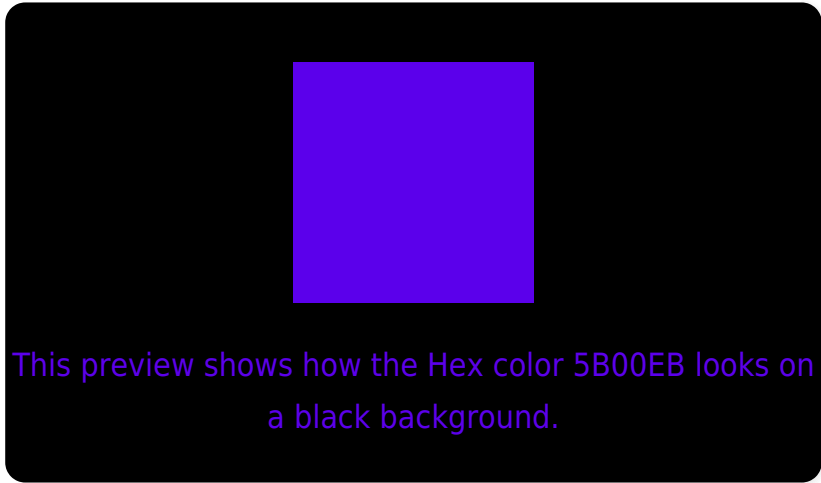
Large Text (above 18pt) WCAG AA ✓ Pass

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

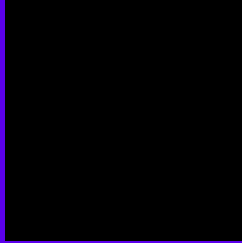
Any Text WCAG AA × Fail

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 5B00EB Background



This preview shows how black text looks on a background with the Hex color 5B00EB.



This preview shows how white text looks on a background with the Hex color 5B00EB.

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
5B00EB

Protanopia
0050A7

Deuteranopia
00558E



Tritanopia
005B63

Trichromacy



Original Color
5B00EB

Protanomaly
2133C0

Deuteranomaly
2136B0

Tritanomaly
213A94

Monochromacy



Original Color
5B00EB

Achromatopsia
363636

Achromatomaly
432278

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B00EB 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 #5B00EB looks like.

```
.text, #text, p{  
    color:#5B00EB  
}
```

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 #5B00EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B00EB
}
```

Border

The CSS property to change the border of an element to Hex 5B00EB 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".

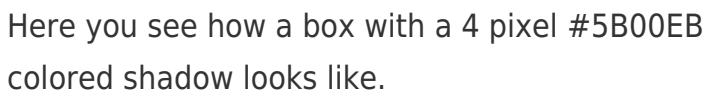
```
.border, #border, table{ border:4px solid
#5B00EB }
```

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

```
.border{ border-color:#5B00EB }
```

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

Here you see how a box with a 4 pixel #5B00EB colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B00EB; -webkit-box-shadow:4px 4px  
4px 4px #5B00EB; box-shadow:4px 4px 4px  
4px #5B00EB }
```

Background

The CSS property to change the background color of an element to Hex 5B00EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B00EB }
```

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

```
.background{ background-color:#5B00EB }
```

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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