

Converting Colors

Hex(5B3AFF)

Have a look what the booklet for
Hex(5B3AFF) contains.

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Color

Hex(5B3AFF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5B3AFF |
| RGB | 91, 58, 255 |
| RGB Percent | 36%, 23%, 100% |
| CMY | 0.6431, 0.7725, 0.0000 |
| CMYK | 0.64, 0.77, 0.00, 0.00 |
| HSL | 250°, 100%, 61% |
| HSV | 250°, 77%, 100% |
| XYZ | 23.8774, 12.4703, 95.7563 |
| YIQ | 90.3250, -43.5690, 68.2630 |

Conversions

Conversions Part 2

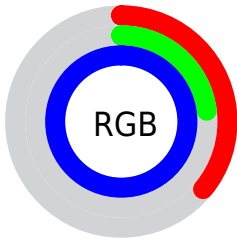
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 91, 58, 255 |
| Decimal | 5978879 |
| CIE _{Lab} | 41.95, 65.69, -91.70 |
| CIE _{LCh} | 42, 112.797, 305.617 |
| Yxy | 12.4703, 0.1807, 0.0944 |
| Android (android.graphics.Color) | 4284168959 (0xFF5B3AFF) |
| YUV | 90.3250, 81.1848, 0.5920 |
| Hunter-Lab | 35.3133, 58.8965, -136.0529 |

Details

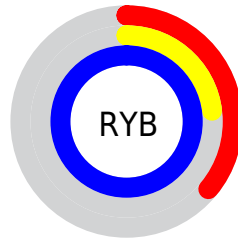
The Hex color **5B3AFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **DEFF3A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9F6EFF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **4620FF**, and if you desaturate by 10%, it is **7053FF**.

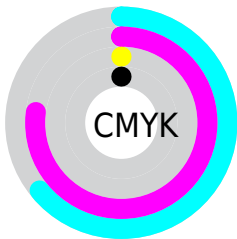
Distribution



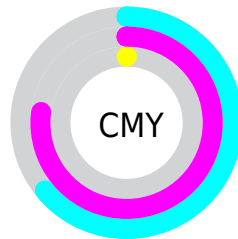
- Red (36%)
- Green (23%)
- Blue (100%)



- Red (36%)
- Yellow (23%)
- Blue (100%)



- Cyan (64%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3AFF 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 5B3AFF by changing the saturation by 10% instead.

5B3AFF

5B3AFF

FFFFFF

301FE2

9F6EFF

0000C5

BF89FF

0000A8

DFA4FF

00008D

FEC0FF

000072

FFD0FF

000D58

FFFAFF

000740

000329

000113

 5B3AFF

 5B3AFF

 4620FF

 7053FF

 3107FF

 856DFF

 2B00FF

 9B86FF

 B0A0FF

 C5B9FF

 DAD3FF

 F0ECFF

FFFFFF

Harmonies

Analogous

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



006EFF



5B3AFF



D600B2

Triad

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



5B3AFF



B33A00



008273

Complementary

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



5B3AFF



DEFF3A

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.



007F00



5B3AFF



6A6600

Square

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



5B3AFF



E50000



007800



0084D0

Rectangle

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



5B3AFF



F30075



007800



008152

Sweetspot

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



5B3AFF



CEC4FF



3ADEFF



625C80



000000



808080

Same Dimension

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



5B3AFF



3A12FF



BD3AFF



757380



2000BF



0B0040

Inverse Universe

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



FF3ADE



FF12D7



7CFF3A



80737D



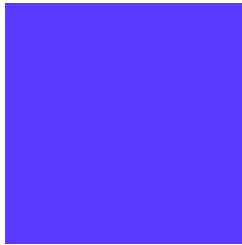
BF009F



400035

Previews

White Background



This preview shows how the Hex color 5B3AFF looks on a white background.

Color Contrast Check

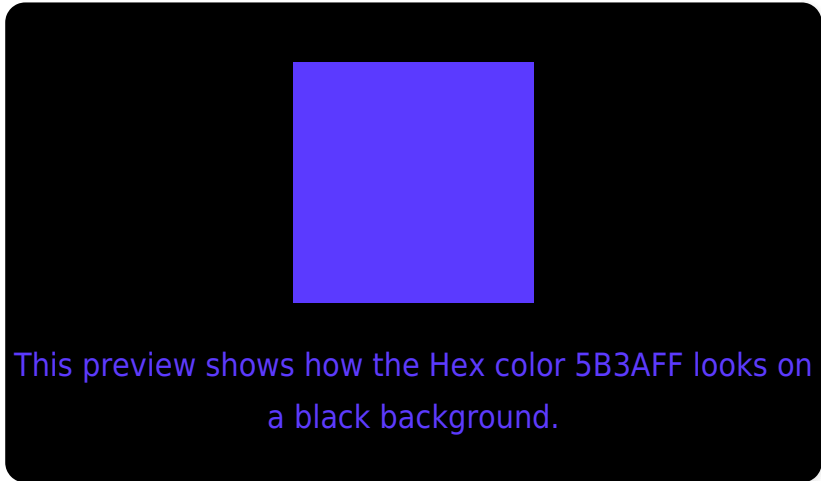
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

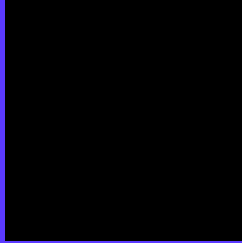
Any Text WCAG AA × Fail

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 5B3AFF Background



This preview shows how black text looks on a background with the Hex color 5B3AFF.



This preview shows how white text looks on a background with the Hex color 5B3AFF.

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
5B3AFF

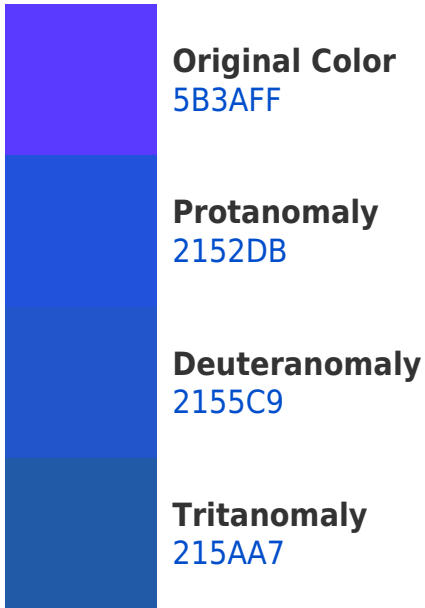
Protanopia
005FC7

Deuteranopia
0065AA



Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3AFF 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 #5B3AFF looks like.

```
.text, #text, p{  
    color:#5B3AFF  
}
```

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 #5B3AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3AFF
}
```

Border

The CSS property to change the border of an element to Hex 5B3AFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

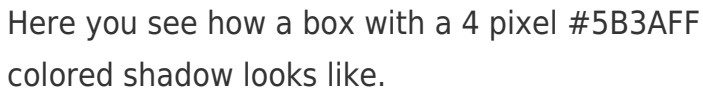
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3AFF }
```

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

```
.border{ border-color:#5B3AFF }
```

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



Here you see how a box with a 4 pixel #5B3AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3AFF; -webkit-box-shadow:4px 4px  
4px 4px #5B3AFF; box-shadow:4px 4px 4px  
4px #5B3AFF }
```

Background

The CSS property to change the background color of an element to Hex 5B3AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3AFF }
```

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

```
.background{ background-color:#5B3AFF }
```

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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