

Converting Colors

Hex(5133FF)

Have a look what the booklet for
Hex(5133FF) contains.

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Color

Hex(5133FF)

Conversions

Conversions Part 1

Format	Color
Hex	5133FF
RGB	81, 51, 255
RGB Percent	32%, 20%, 100%
CMY	0.6824, 0.8000, 0.0000
CMYK	0.68, 0.80, 0.00, 0.00
HSL	249°, 100%, 60%
HSV	249°, 80%, 100%
XYZ	22.6272, 11.3370, 95.6034
YIQ	83.2260, -47.6040, 69.8040

Conversions

Conversions Part 2

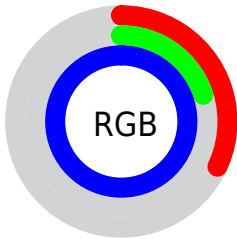
Format	Color
R_{YB}	81, 51, 255
Decimal	5321727
CIE _{Lab}	40.14, 67.89, -94.72
CIE _{LCh}	40, 116.536, 305.633
Yxy	11.3370, 0.1746, 0.0875
Android (android.graphics.Color)	4283511807 (0xFF5133FF)
YUV	83.2260, 84.6846, -1.9522
Hunter-Lab	33.6704, 61.0321, -144.7780

Details

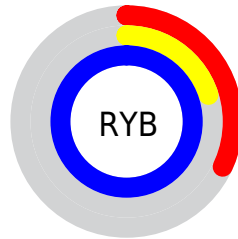
The Hex color **5133FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **E1FF33**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9868FF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **3B19FF**, and if you desaturate by 10%, it is **674DFF**.

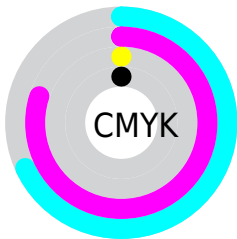
Distribution



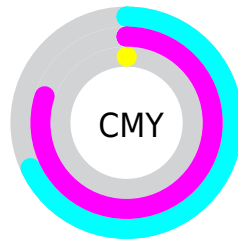
- Red (32%)
- Green (20%)
- Blue (100%)



- Red (32%)
- Yellow (20%)
- Blue (100%)



- Cyan (68%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5133FF 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 5133FF by changing the saturation by 10% instead.

 5133FF

 5133FF

FFFFFF

 1C16E1

 9868FF

 0000C5

 B883FF

 0000A8

 D89EFF

 00008D

 F8BAFF

 000272

 FFD6FF

 000D58

 FFF3FF

 000740

 000329

 000113

■ 5133FF

■ 5133FF

■ 3B19FF

■ 674DFF

■ 2600FF

■ 7D66FF

■ 9280FF

■ A899FF

■ BEB3FF

■ D4CCFF

■ E9E6FF

FFFFFF

Harmonies

Analogous

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



006BFF



5133FF



D400B0

Triad

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



5133FF



AF3300



007D6F

Complementary

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



5133FF



E1FF33

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.



007A00



5133FF



646200

Square

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



5133FF



E30000



007400



0080CF

Rectangle

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



5133FF



F10071



007400



007C4E

Sweetspot

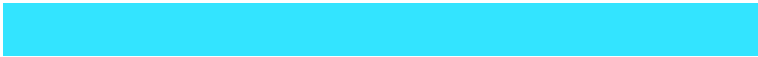
The Sweet Spot groups the original color and five complimentary colors.



5133FF



CBC2FF



33E4FF



605B80



000000



808080

Same Dimension

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



5133FF



2E0AFF



B433FF



757380



1C00BF



090040

Inverse Universe

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



FF33E1



FF0ADB



7EFF33



80737E



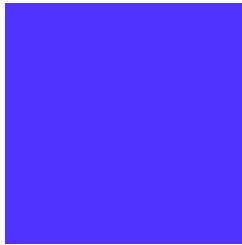
BF00A3



400036

Previews

White Background



This preview shows how the Hex color 5133FF 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

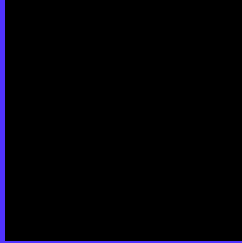
Any Text WCAG AA × Fail

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 5133FF Background



This preview shows how black text looks on a background with the Hex color 5133FF.

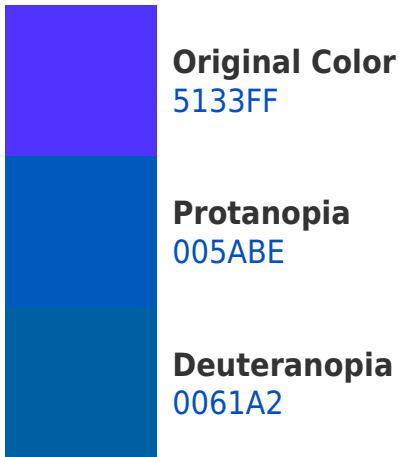


This preview shows how white text looks on a background with the Hex color 5133FF.

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





Tritanopia
00686F

Trichromacy



Original Color
5133FF

Protanomaly
1D4CD6

Deuteranomaly
1D50C4

Tritanomaly
1D55A3

Monochromacy



Original Color
5133FF

Achromatopsia
535353

Achromatomaly
524792

CSS Examples

Text

The CSS property to change the color of the text to Hex 5133FF 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 #5133FF looks like.

```
.text, #text, p{  
    color:#5133FF  
}
```

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 #5133FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5133FF
}
```

Border

The CSS property to change the border of an element to Hex 5133FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

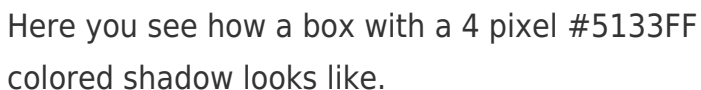
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5133FF }
```

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

```
.border{ border-color:#5133FF }
```

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



Here you see how a box with a 4 pixel #5133FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5133FF; -webkit-box-shadow:4px 4px  
4px 4px #5133FF; box-shadow:4px 4px 4px  
4px #5133FF }
```

Background

The CSS property to change the background color of an element to Hex 5133FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5133FF }
```

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

```
.background{ background-color:#5133FF }
```

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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