

# Converting Colors

Hex(5132FB)

Have a look what the booklet for  
Hex(5132FB) contains.

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# Color

Hex(5132FB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5132FB
RGB	81, 50, 251
RGB Percent	32%, 20%, 98%
CMY	0.6824, 0.8039, 0.0157
CMYK	0.68, 0.80, 0.00, 0.02
HSL	249°, 96%, 59%
HSV	249°, 80%, 98%
XYZ	21.9465, 10.9956, 92.2324
YIQ	82.1830, -46.0450, 69.0830

# Conversions

## Conversions Part 2

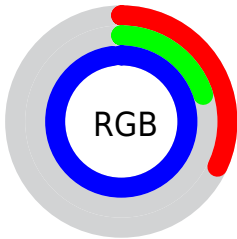
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	81, 50, 251
Decimal	5321467
CIE Lab	39.57, 67.21, -93.42
CIE LCh	40, 115.084, 305.731
Yxy	10.9956, 0.1753, 0.0878
Android (android.graphics.Color)	4283511547 (0xFF5132FB)
YUV	82.1830, 83.2268, -1.0375
Hunter-Lab	33.1596, 60.1103, -141.7018

# Details

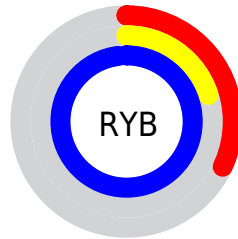
The Hex color **5132FB** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **DCFB32**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9767FF**, and **0000C1** is the 20% darker color. If you saturate the color by 10%, you get **3C19FB**, and if you desaturate by 10%, it is **664BFB**.

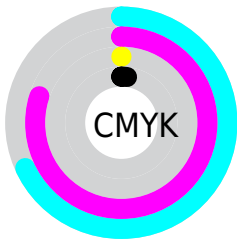
# Distribution



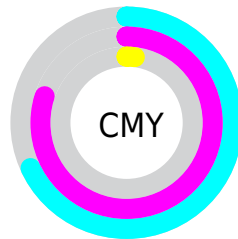
- Red (32%)
- Green (20%)
- Blue (98%)



- Red (32%)
- Yellow (20%)
- Blue (98%)



- Cyan (68%)
- Magenta (80%)
- Yellow (0%)
- Black (2%)




- Cyan (68%)
- Magenta (80%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 5132FB 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 5132FB by changing the saturation by 10% instead.



 5132FB

 5132FB

FFFFFF

 1E15DE

 9767FF

 0000C1

 B881FF

 0000A5

 D79DFF

 000089

 F7B9FF

 00036F

 FFD5FF

 000C55

 FFF2FF

 00063D

 000326

 00010F

■ 5132FB

■ 5132FB

■ 3C19FB

■ 664BFB

■ 2700FB

■ 7B64FB

■ 917DFB

■ A696FB

■ BBAFFB

■ D0C9FB

■ E6E2FB

■ FBFBBB

■ FFFFFB

# Harmonies

## Analogous

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



0069FF



5132FB



D100AD

# Triad

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



5132FB



AC3200



007B6E

# Complementary

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



5132FB



DCFB32

# 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.



007800



5132FB



626100

# Square

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



5132FB



DF0000



007200



007ECC

# Rectangle

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



5132FB



ED006F



007200



007A4D



# Sweetspot

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



5132FB



CBC2FF



32DDFB



605B80



000000



808080



# Same Dimension

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



5132FB



300AFF



B532FB



72707D



1D00BD



09003D



# Inverse Universe

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



FB32DC



FF0AD9



78FB32



7D707B



BD00A0

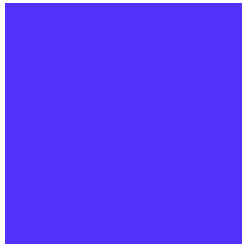


3D0034



# Previews

## White Background



This preview shows how the Hex color 5132FB 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

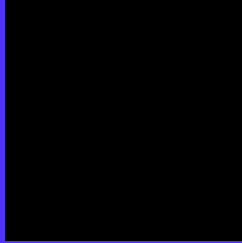
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5132FB Background



This preview shows how black text looks on a background with the Hex color 5132FB.



This preview shows how white text looks on a background with the Hex color 5132FB.

# 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**  
5132FB

**Protanopia**  
0059BB

**Deuteranopia**  
005FA0



**Tritanopia**  
00676D

# Trichromacy



**Original Color**  
5132FB



**Protanomaly**  
1D4BD2



**Deuteranomaly**  
1D4FC1



**Tritanomaly**  
1D54A1

# Monochromacy



**Original Color**  
5132FB



**Achromatopsia**  
525252



**Achromatomaly**  
52468F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5132FB 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 #5132FB looks like.

```
.text, #text, p{  
    color:#5132FB  
}
```

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 #5132FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5132FB
}
```

## Border

The CSS property to change the border of an element to Hex 5132FB 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
#5132FB }
```

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

```
.border{ border-color:#5132FB }
```

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

Here you see how a box with a 4 pixel #5132FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5132FB; -webkit-box-shadow:4px 4px  
4px 4px #5132FB; box-shadow:4px 4px 4px  
4px #5132FB }
```

# Background

The CSS property to change the background color of an element to Hex 5132FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5132FB }
```

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

```
.background{ background-color:#5132FB }
```

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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