

Converting Colors

Hex(4133FF)

Have a look what the booklet for
Hex(4133FF) contains.

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Color

Hex(4133FF)

Conversions

Conversions Part 1

Format	Color
Hex	4133FF
RGB	65, 51, 255
RGB Percent	25%, 20%, 100%
CMY	0.7451, 0.8000, 0.0000
CMYK	0.75, 0.80, 0.00, 0.00
HSL	244°, 100%, 60%
HSV	244°, 80%, 100%
XYZ	21.4138, 10.7115, 95.5466
YIQ	78.4420, -57.1400, 66.4120

Conversions

Conversions Part 2

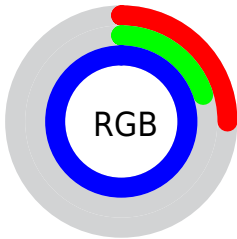
Format	Color
R _{YB}	65, 51, 255
Decimal	4273151
CIE _{Lab}	39.09, 66.79, -96.49
CIE _{LCh}	39, 117.351, 304.688
Y _{xy}	10.7115, 0.1677, 0.0839
Android (android.graphics.Color)	4282463231 (0xFF4133FF)
YUV	78.4420, 87.0431, -11.7886
Hunter-Lab	32.7284, 59.5158, -150.1803

Details

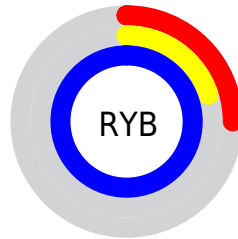
The Hex color **4133FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F1FF33**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8D67FF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **2919FF**, and if you desaturate by 10%, it is **594DFF**.

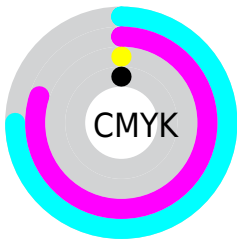
Distribution



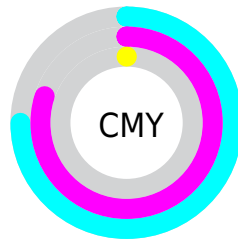
- Red (25%)
- Green (20%)
- Blue (100%)



- Red (25%)
- Yellow (20%)
- Blue (100%)



- Cyan (75%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4133FF 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 4133FF by changing the saturation by 10% instead.

 4133FF

 4133FF

FFFFFF

 0017E1

 8D67FF

 0000C5

 AE81FF

 0000A8

 CF9DFF

 00008D

 EFB8FF

 000672

 FFD5FF

 000D58

 FFF2FF

 000740

 000329

 000113

■ 4133FF

■ 4133FF

■ 2919FF

■ 594DFF

■ 1100FF

■ 7066FF

■ 8880FF

■ A099FF

■ B8B3FF

■ D0CCFF

■ E7E6FF

FFFFFF

Harmonies

Analogous

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



006AFF



4133FF



CF00B0

Triad

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



4133FF



AE2C00



007A6A

Complementary

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



4133FF



F1FF33

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.



007700



4133FF



645F00

Square

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



4133FF



E10000



007100



007DCA

Rectangle

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



4133FF



ED0072



007100



007948

Sweetspot

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



4133FF



C6C2FF



33F1FF



5D5B80



000000



808080

Same Dimension

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



4133FF



1B0AFF



A733FF



747380



0D00BF



040040

Inverse Universe

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



FF33F1



FF0AEE



8BFF33



80737F



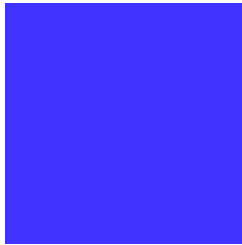
BF00B2



40003B

Previews

White Background



This preview shows how the Hex color 4133FF looks on a white background.

Color Contrast Check

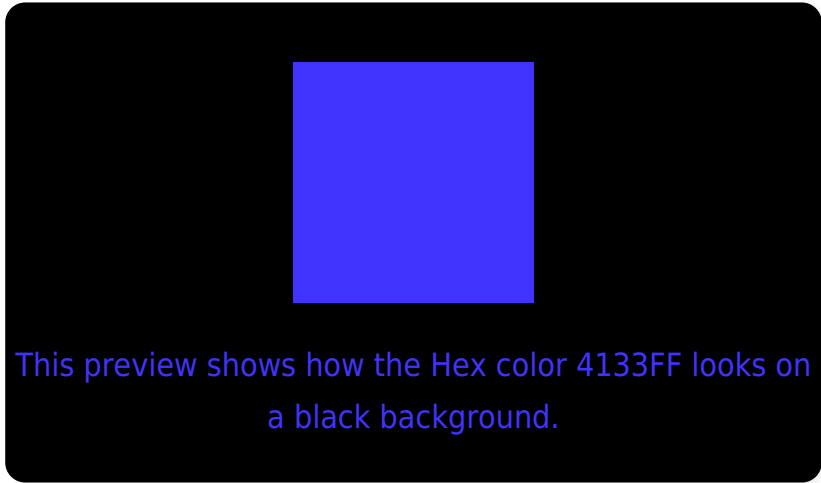
Large Text (above 18pt) WCAG AA ✓ Pass

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 4133FF Background



This preview shows how black text looks on a background with the Hex color 4133FF.

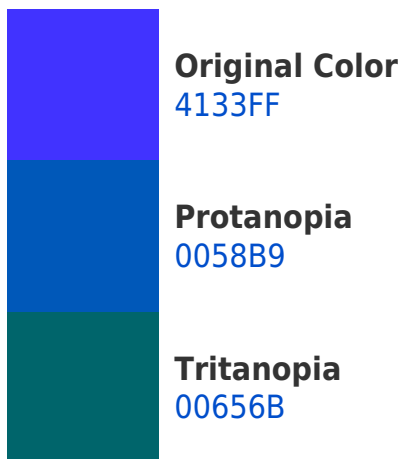


This preview shows how white text looks on a background with the Hex color 4133FF.

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



Trichromacy



Original Color
4133FF

Protanomaly
184BD2

Tritanomaly
1853A1

Monochromacy



Original Color
4133FF

Achromatopsia
4E4E4E

Achromatomaly
49448E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4133FF 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 #4133FF looks like.

```
.text, #text, p{  
    color:#4133FF  
}
```

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 #4133FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4133FF
}
```

Border

The CSS property to change the border of an element to Hex 4133FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

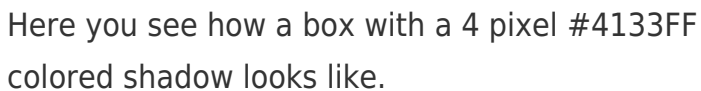
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4133FF }
```

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

```
.border{ border-color:#4133FF }
```

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



Here you see how a box with a 4 pixel #4133FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4133FF; -webkit-box-shadow:4px 4px  
4px 4px #4133FF; box-shadow:4px 4px 4px  
4px #4133FF }
```

Background

The CSS property to change the background color of an element to Hex 4133FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4133FF }
```

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

```
.background{ background-color:#4133FF }
```

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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