

Converting Colors

Hex(0033FA)

Have a look what the booklet for
Hex(0033FA) contains.

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Color

Hex(0033FA)

Conversions

Conversions Part 1

Format	Color
Hex	0033FA
RGB	0, 51, 250
RGB Percent	0%, 20%, 98%
CMY	1.0000, 0.8000, 0.0196
CMYK	1.00, 0.80, 0.00, 0.02
HSL	228°, 100%, 49%
HSV	228°, 100%, 98%
XYZ	18.4391, 9.2698, 91.2599
YIQ	58.4370, -94.2750, 51.0770

Conversions

Conversions Part 2

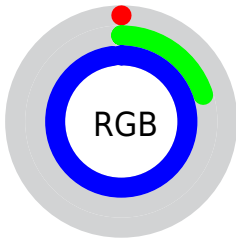
Format	Color
R _Y B	0, 42, 250
Decimal	13306
CIE Lab	36.50, 63.16, -98.05
CIE LCh	36, 116.636, 302.787
Yxy	9.2698, 0.1550, 0.0779
Android (android.graphics.Color)	4278203386 (0xFF0033FA)
YUV	58.4370, 94.4406, -51.2492
Hunter-Lab	30.4463, 54.8236, -156.4036

Details

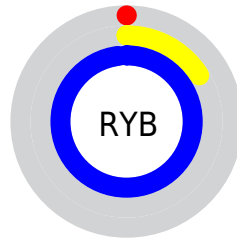
The Hex color **0033FA** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FAC700**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7565FF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **0033FA**, and if you desaturate by 10%, it is **1947FA**.

Distribution



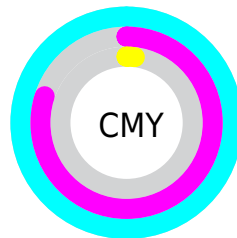
- Red (0%)
- Green (20%)
- Blue (98%)



- Red (0%)
- Yellow (16%)
- Blue (98%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (80%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0033FA 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 0033FA by changing the saturation by 10% instead.

 0033FA

 0033FA

FFFFFF

 001ADD

 7565FF

 0000C0

 987FFF

 0000A4

 BA9AFF

 000088

 DAB5FF

 000F6D

 FBD1FF

 000B54

 FFEEFF

 00063C

 000225

 00010E

 0033FA

 1947FA

 325BFA

 4B6FFA

 6483FA

 7D97FA

 96AAFA

 AFBEFA

 C8D2FA

 E1E6FA

Harmonies

Analogous

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



0066FF



0033FA



C200AE

Triad

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



0033FA



A91E00



00725D

Complementary

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



0033FA



FAC700

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.



007000



0033FA



625700

Square

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



0033FA



DA0000



006900



0075BC

Rectangle

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



0033FA



E20071



006900



00713C

Sweetspot

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



0033FA



B3C2FF



00FAC4



525B80



000000



808080

Same Dimension

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



0033FA



0034FF



4700FA



70737D



0026BD



000C3D

Inverse Universe

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



FA0033



FF0034



B3FA00



7D7073



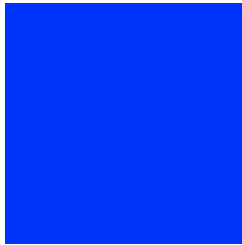
BD0026



3D000C

Previews

White Background



This preview shows how the Hex color 0033FA looks on a white background.

Color Contrast Check

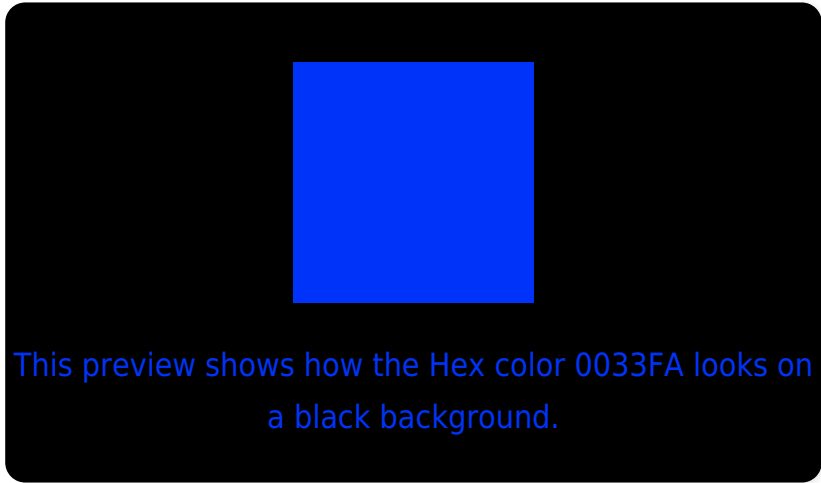
Large Text (above 18pt) WCAG AA ✓ Pass

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 0033FA Background



This preview shows how black text looks on a background with the Hex color 0033FA.



This preview shows how white text looks on a background with the Hex color 0033FA.

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
0033FA

Protanopia
0052AD

Deuteranopia
005893

Trichromacy



Original Color
0033FA

Protanomaly
0047C9

Deuteranomaly
004BB8

Monochromacy



Original Color
0033FA

Achromatopsia
3A3A3A

Achromatomaly
253780

CSS Examples

Text

The CSS property to change the color of the text to Hex 0033FA 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 #0033FA looks like.

```
.text, #text, p{  
    color:#0033FA  
}
```

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 #0033FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0033FA
}
```

Border

The CSS property to change the border of an element to Hex 0033FA 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
#0033FA }
```

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

```
.border{ border-color:#0033FA }
```

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

Here you see how a box with a 4 pixel #0033FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0033FA; -webkit-box-shadow:4px 4px  
4px 4px #0033FA; box-shadow:4px 4px 4px  
4px #0033FA }
```

Background

The CSS property to change the background color of an element to Hex 0033FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0033FA }
```

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

```
.background{ background-color:#0033FA }
```

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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