

Converting Colors

Hex(003FF4)

Have a look what the booklet for
Hex(003FF4) contains.

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Color

Hex(003FF4)

Conversions

Conversions Part 1

Format	Color
Hex	003FF4
RGB	0, 63, 244
RGB Percent	0%, 25%, 96%
CMY	1.0000, 0.7529, 0.0431
CMYK	1.00, 0.74, 0.00, 0.04
HSL	225°, 100%, 48%
HSV	225°, 100%, 96%
XYZ	18.1066, 10.0867, 86.5805
YIQ	64.7970, -95.6490, 42.9350

Conversions

Conversions Part 2

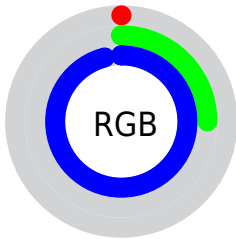
Format	Color
RYB	0, 50, 244
Decimal	16372
CIELab	38.00, 54.95, -92.19
CIELCh	38, 107.324, 300.797
Yxy	10.0867, 0.1578, 0.0879
Android (android.graphics.Color)	4278206452 (0xFF003FF4)
YUV	64.7970, 88.3471, -56.8270
Hunter-Lab	31.7595, 46.1867, -139.4006

Details

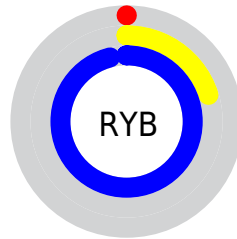
The Hex color **003FF4** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **F4B500**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7270FF**, and **0013BA** is the 20% darker color. If you saturate the color by 10%, you get **003FF4**, and if you desaturate by 10%, it is **1851F4**.

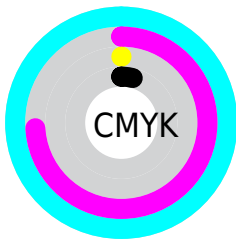
Distribution



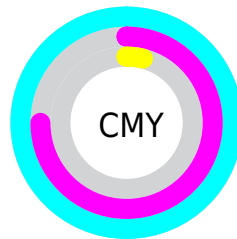
- Red (0%)
- Green (25%)
- Blue (96%)



- Red (0%)
- Yellow (20%)
- Blue (96%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (75%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003FF4 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 003FF4 by changing the saturation by 10% instead.

 003FF4

 003FF4

FFFFFF

 0028D7

 7270FF

 0013BA

 958AFF

 00039E

 B6A4FF

 000083

 D6C0FF

 000F69

 F6DCFF

 000A4F

 FFF9FF


 000537

 000221

 000006

 003FF4

 1851F4

 3163F4

 4975F4

 6287F4

 7A9AF4

 92ACF4

 ABBEF4

 C3D0F4

 DCE2F4

Harmonies

Analogous

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



0069FF



003FF4



BA00B1

Triad

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



003FF4



AD2500



00755A

Complementary

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



003FF4



F4B500

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.



007200



003FF4



6C5800

Square

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



003FF4



D80006



006B00



0078B2

Rectangle

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



003FF4



DB0078



006B00



00753B

Sweetspot

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



003FF4



B3C6FF



00F4B3



525D80



000000



808080

Same Dimension

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



003FF4



0042FF



3900F4



6E717A



0030BA



000F3B

Inverse Universe

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



F4003F



FF0042



BBF400



7A6E71



BA0030



3B000F

Previews

White Background



This preview shows how the Hex color 003FF4 looks on a white background.

Color Contrast Check

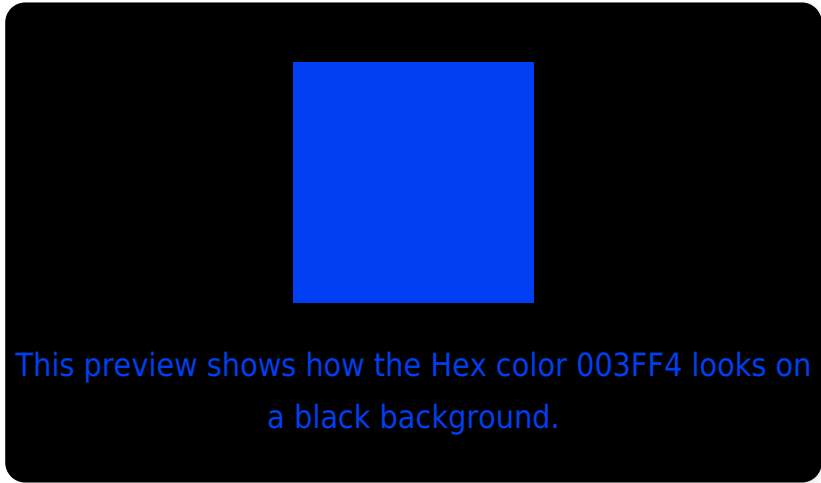
Large Text (above 18pt) WCAG AA ✓ Pass

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

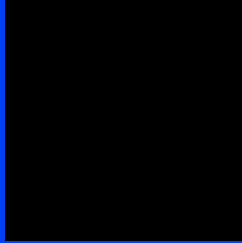
Any Text WCAG AA × Fail

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 003FF4 Background



This preview shows how black text looks on a background with the Hex color 003FF4.



This preview shows how white text looks on a background with the Hex color 003FF4.

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
003FF4

Protanomaly
004ECB

Deuteranomaly
0051BA

Tritanomaly
00569B

Monochromacy



Original Color
003FF4

Achromatopsia
414141

Achromatomaly
294082

CSS Examples

Text

The CSS property to change the color of the text to Hex 003FF4 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 #003FF4 looks like.

```
.text, #text, p{  
    color:#003FF4  
}
```

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 #003FF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003FF4
}
```

Border

The CSS property to change the border of an element to Hex 003FF4 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".

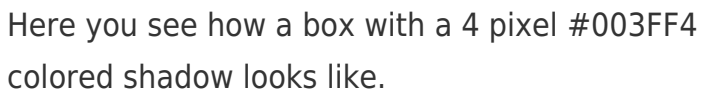
```
.border, #border, table{ border:4px solid
#003FF4 }
```

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

```
.border{ border-color:#003FF4 }
```

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

Here you see how a box with a 4 pixel #003FF4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003FF4; -webkit-box-shadow:4px 4px  
4px 4px #003FF4; box-shadow:4px 4px 4px  
4px #003FF4 }
```

Background

The CSS property to change the background color of an element to Hex 003FF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003FF4 }
```

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

```
.background{ background-color:#003FF4 }
```

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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