

Converting Colors

Hex(0052FF)

Have a look what the booklet for
Hex(0052FF) contains.

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Color

Hex(0052FF)

Conversions

Conversions Part 1

Format	Color
Hex	0052FF
RGB	0, 82, 255
RGB Percent	0%, 32%, 100%
CMY	1.0000, 0.6784, 0.0000
CMYK	1.00, 0.68, 0.00, 0.00
HSL	221°, 100%, 50%
HSV	221°, 100%, 100%
XYZ	21.0673, 13.2546, 96.0558
YIQ	77.2040, -104.4050, 36.4190

Conversions

Conversions Part 2

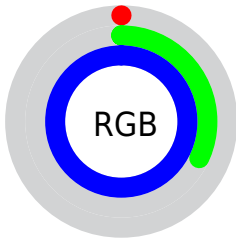
Format	Color
RYB	0, 62, 255
Decimal	21247
CIELab	43.14, 47.66, -89.84
CIElCh	43, 101.702, 297.946
Yxy	13.2546, 0.1616, 0.1017
Android (android.graphics.Color)	4278211327 (0xFF0052FF)
YUV	77.2040, 87.6534, -67.7079
Hunter-Lab	36.4068, 39.5793, -130.9458

Details

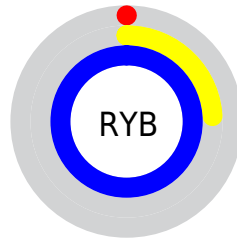
The Hex color **0052FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **FFAD00**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7483FF**, and **0026C5** is the 20% darker color. If you saturate the color by 10%, you get **0052FF**, and if you desaturate by 10%, it is **1963FF**.

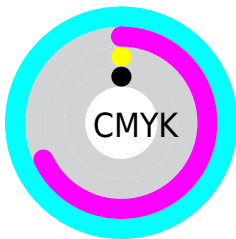
Distribution



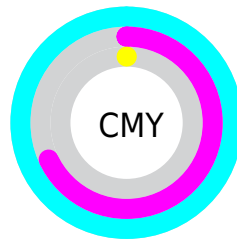
- Red (0%)
- Green (32%)
- Blue (100%)



- Red (0%)
- Yellow (24%)
- Blue (100%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0052FF 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 0052FF by changing the saturation by 10% instead.

 0052FF

 0052FF

FFFFFF

 003BE2

 7483FF

 0026C5

 979DFF

 0014A9

 B8B8FF

 00028D

 D8D4FF

 000872

 F9F1FF

 000D59

 000740

 000329

 000113

 0052FF

 1963FF

 3375FF

 4D86FF

 6697FF

 80A9FF

 99BAFF

 B3CBFF

 CCDCFF

 E6EEFF

Harmonies

Analogous

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



0075FF



0052FF



BE00C1

Triad

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



0052FF



BF3200



00835E

Complementary

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



0052FF



FFAD00

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.



007F00



0052FF



826200

Square

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



0052FF



E7001F



227700



0085B4

Rectangle

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



0052FF



E3008C



227700



00823F

Sweetspot

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



0052FF



B3CBFF



00FFAA



526080



000000



808080

Same Dimension

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



0052FF



2A00FF



737780



003EBF



001540

Inverse Universe

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



FF0052



D4FF00



807377



BF003D



400014

Previews

White Background



This preview shows how the Hex color 0052FF looks on a white background.

Color Contrast Check

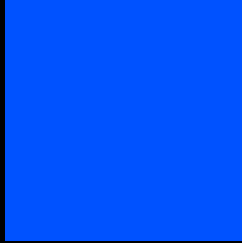
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0052FF looks on a 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 0052FF Background



This preview shows how black text looks on a background with the Hex color 0052FF.



This preview shows how white text looks on a background with the Hex color 0052FF.

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
007076

Trichromacy



Original Color
0052FF

Protanomaly
005CE0

Deuteranomaly
0060CC

Tritanomaly
0065A8

Monochromacy



Original Color
0052FF

Achromatopsia
4D4D4D

Achromatomaly
314F8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0052FF 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 #0052FF looks like.

```
.text, #text, p{  
    color:#0052FF  
}
```

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 #0052FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0052FF
}
```

Border

The CSS property to change the border of an element to Hex 0052FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

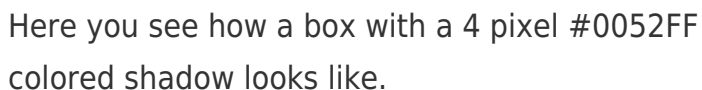
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0052FF }
```

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

```
.border{ border-color:#0052FF }
```

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



Here you see how a box with a 4 pixel #0052FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0052FF; -webkit-box-shadow:4px 4px  
4px 4px #0052FF; box-shadow:4px 4px 4px  
4px #0052FF }
```

Background

The CSS property to change the background color of an element to Hex 0052FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0052FF }
```

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

```
.background{ background-color:#0052FF }
```

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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