

Converting Colors

Hex(0B52F4)

Have a look what the booklet for
Hex(0B52F4) contains.

Hex(0B52F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(0B52F4)

Conversions

Conversions Part 1

Format	Color
Hex	0B52F4
RGB	11, 82, 244
RGB Percent	4%, 32%, 96%
CMY	0.9569, 0.6784, 0.0431
CMYK	0.95, 0.66, 0.00, 0.04
HSL	222°, 91%, 50%
HSV	222°, 95%, 96%
XYZ	19.4844, 12.6374, 87.0003
YIQ	79.2390, -94.3180, 35.3300

Conversions

Conversions Part 2

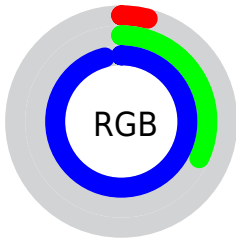
Format	Color
R_{YB}	11, 65, 244
Decimal	742132
CIE Lab	42.21, 43.90, -85.22
CIE LCh	42, 95.868, 297.256
Yxy	12.6374, 0.1636, 0.1061
Android (android.graphics.Color)	4278932212 (0xFF0B52F4)
YUV	79.2390, 81.2272, -59.8456
Hunter-Lab	35.5491, 35.6248, -120.2176

Details

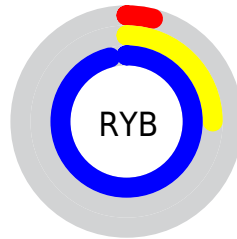
The Hex color **0B52F4** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **F4AD0B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7283FF**, and **0026BA** is the 20% darker color. If you saturate the color by 10%, you get **004AF4**, and if you desaturate by 10%, it is **2363F4**.

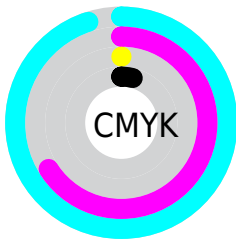
Distribution



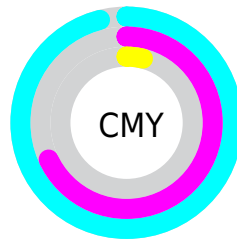
- Red (4%)
- Green (32%)
- Blue (96%)



- Red (4%)
- Yellow (25%)
- Blue (96%)



- Cyan (95%)
- Magenta (66%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (68%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B52F4 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 0B52F4 by changing the saturation by 10% instead.

 0B52F4

 0B52F4

FFFFFF

 003BD7

 7283FF

 0026BA

 949DFF

 00149E

 B5B8FF

 000083

 D5D4FF

 000A69

 F5F0FF

 000A50

 000538

 000221

 000007

■ 0B52F4

■ 0B52F4

■ 004AF4

■ 2363F4

■ 3C74F4

■ 5485F4

■ 6D96F4

■ 85A7F4

■ 9DB8F4

■ B6C9F4

■ CEDAF4

■ E7EBF4

Harmonies

Analogous

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



0072FF



0B52F4



B500BB

Triad

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



0B52F4



BA3300



00805A

Complementary

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



0B52F4



F4AD0B

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.



007C00



0B52F4



805F00

Square

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



0B52F4



DE0022



2B7300



0081AB

Rectangle

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



0B52F4



D90089



2B7300



007F3D

Sweetspot

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



0B52F4



B5CCFF



0BF4AA



536080



000000



808080

Same Dimension

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



0B52F4



004EFF



360BF4



6E727A



0039BA



00123B

Inverse Universe

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



F40B52



FF004E



C9F40B



7A6E72



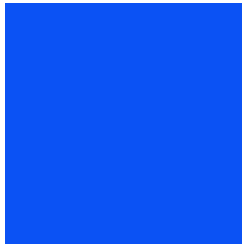
BA0039



3B0012

Previews

White Background



This preview shows how the Hex color 0B52F4 looks on a white background.

Color Contrast Check

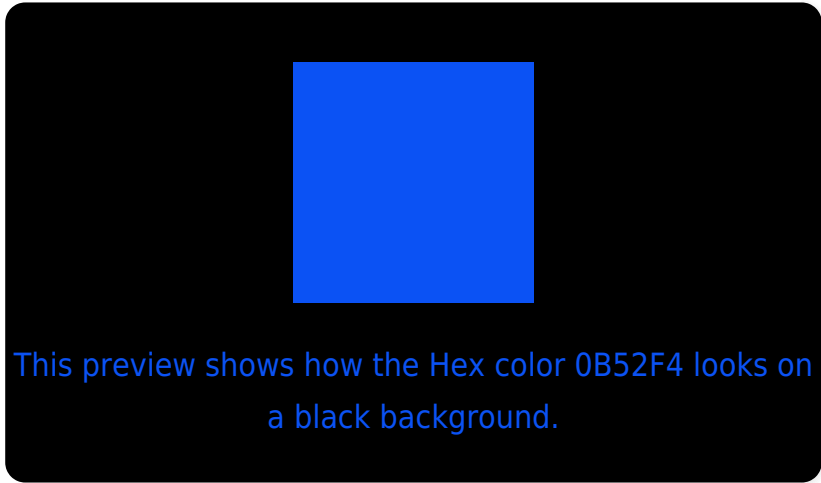
Large Text (above 18pt) WCAG AA ✓ Pass

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

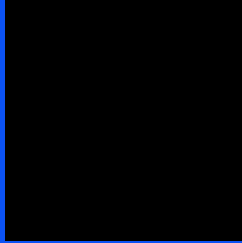
Any Text WCAG AA × Fail

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 0B52F4 Background



This preview shows how black text looks on a background with the Hex color 0B52F4.



This preview shows how white text looks on a background with the Hex color 0B52F4.

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
0B52F4

Protanomaly
045AD9

Tritanomaly
0464A3

Monochromacy



Original Color
0B52F4

Achromatopsia
4F4F4F

Achromatomaly
36508B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B52F4 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 #0B52F4 looks like.

```
.text, #text, p{  
    color:#0B52F4  
}
```

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 #0B52F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B52F4
}
```

Border

The CSS property to change the border of an element to Hex 0B52F4 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
#0B52F4 }
```

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

```
.border{ border-color:#0B52F4 }
```

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

Here you see how a box with a 4 pixel #0B52F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B52F4; -webkit-box-shadow:4px 4px  
4px 4px #0B52F4; box-shadow:4px 4px 4px  
4px #0B52F4 }
```

Background

The CSS property to change the background color of an element to Hex 0B52F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B52F4 }
```

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

```
.background{ background-color:#0B52F4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor