

Converting Colors

Hex(0D42F4)

Have a look what the booklet for
Hex(0D42F4) contains.

Hex(0D42F4)	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(0D42F4)

Conversions

Conversions Part 1

Format	Color
Hex	0D42F4
RGB	13, 66, 244
RGB Percent	5%, 26%, 96%
CMY	0.9490, 0.7412, 0.0431
CMYK	0.95, 0.73, 0.00, 0.04
HSL	226°, 91%, 50%
HSV	226°, 95%, 96%
XYZ	18.4433, 10.5136, 86.6452
YIQ	70.4450, -88.7260, 44.1220

Conversions

Conversions Part 2

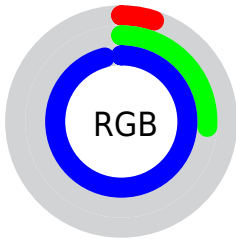
Format	Color
R_{YB}	13, 56, 244
Decimal	869108
CIE _{Lab}	38.75, 53.48, -90.94
CIE _{LCh}	39, 105.502, 300.460
Yxy	10.5136, 0.1595, 0.0909
Android (android.graphics.Color)	4279059188 (0xFF0D42F4)
YUV	70.4450, 85.5626, -50.3793
Hunter-Lab	32.4248, 44.7882, -135.7370

Details

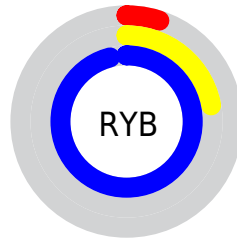
The Hex color **0D42F4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **F4BF0D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7473FF**, and **0016BA** is the 20% darker color. If you saturate the color by 10%, you get **0038F4**, and if you desaturate by 10%, it is **2555F4**.

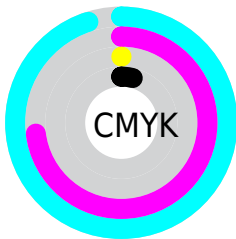
Distribution



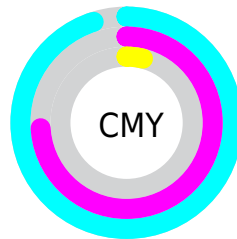
- Red (5%)
- Green (26%)
- Blue (96%)



- Red (5%)
- Yellow (22%)
- Blue (96%)



- Cyan (95%)
- Magenta (73%)
- Yellow (0%)
- Black (4%)



- Cyan (95%)
- Magenta (74%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D42F4 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 0D42F4 by changing the saturation by 10% instead.

 0D42F4

 0D42F4

FFFFFF

 002BD7

 7473FF

 0016BA

 968DFF

 00059E

 B7A8FF

 000083

 D7C3FF

 000E69

 F8DFFF

 000A4F

 FFFCFF

 000537

 000221

 000006

■ 0D42F4

■ 0D42F4

■ 0038F4

■ 2555F4

■ 3E68F4

■ 567AF4

■ 6F8DF4

■ 87A0F4

■ 9FB3F4

■ B8C6F4

■ D0D8F4

■ E9EBF4

Harmonies

Analogous

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



006AFF



0D42F4



BA00B2

Triad

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



0D42F4



AF2800



00775B

Complementary

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



0D42F4



F4BF0D

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.



007400



0D42F4



6F5A00

Square

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



0D42F4



D9000B



006D00



007AB2

Rectangle

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



0D42F4



DC007B



006D00



00773C

Sweetspot

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



0D42F4



B8C8FF



0DF4BE



545E80



000000



808080

Same Dimension

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



0D42F4



003BFF



4B0DF4



6E717A



002BBA



000D3B

Inverse Universe

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



F40D42



FF003B



B6F40D



7A6E71



BA002B



3B000D

Previews

White Background



This preview shows how the Hex color 0D42F4 looks on a white background.

Color Contrast Check

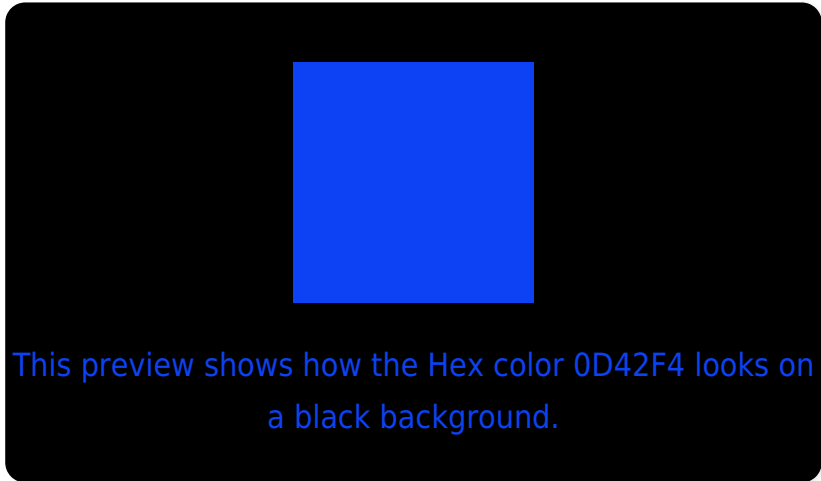
Large Text (above 18pt) WCAG AA ✓ Pass

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

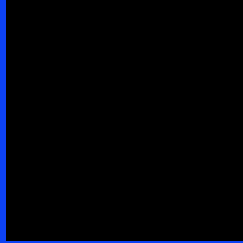
Any Text WCAG AA × Fail

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 0D42F4 Background



This preview shows how black text looks on a background with the Hex color 0D42F4.

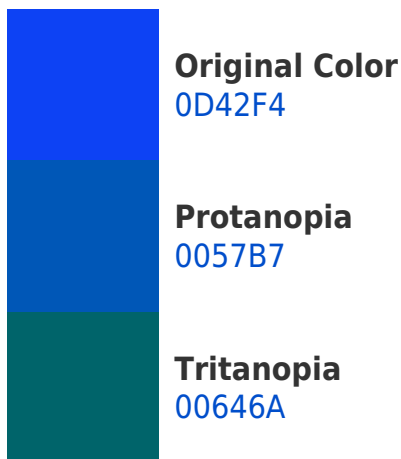


This preview shows how white text looks on a background with the Hex color 0D42F4.

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
0D42F4

Protanomaly
054FCD

Tritanomaly
05589C

Monochromacy



Original Color
0D42F4

Achromatopsia
464646

Achromatomaly
314585

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D42F4 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 #0D42F4 looks like.

```
.text, #text, p{  
    color:#0D42F4  
}
```

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 #0D42F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D42F4
}
```

Border

The CSS property to change the border of an element to Hex 0D42F4 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
#0D42F4 }
```

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

```
.border{ border-color:#0D42F4 }
```

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

Here you see how a box with a 4 pixel #0D42F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D42F4; -webkit-box-shadow:4px 4px  
4px 4px #0D42F4; box-shadow:4px 4px 4px  
4px #0D42F4 }
```

Background

The CSS property to change the background color of an element to Hex 0D42F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D42F4 }
```

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

```
.background{ background-color:#0D42F4 }
```

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