

Converting Colors

Hex(0A64F4)

Have a look what the booklet for
Hex(0A64F4) contains.

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Color

Hex(0A64F4)

Conversions

Conversions Part 1

Format	Color
Hex	0A64F4
RGB	10, 100, 244
RGB Percent	4%, 39%, 96%
CMY	0.9608, 0.6078, 0.0431
CMYK	0.96, 0.59, 0.00, 0.04
HSL	217°, 92%, 50%
HSV	217°, 96%, 96%
XYZ	21.0115, 15.7105, 87.5130
YIQ	89.5060, -99.8640, 25.7040

Conversions

Conversions Part 2

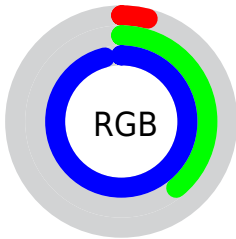
Format	Color
RYB	10, 75, 244
Decimal	681204
CIELab	46.59, 32.53, -78.03
CIELCh	47, 84.544, 292.631
Yxy	15.7105, 0.1691, 0.1265
Android (android.graphics.Color)	4278871284 (0xFF0A64F4)
YUV	89.5060, 76.1655, -69.7268
Hunter-Lab	39.6365, 25.2597, -103.1601

Details

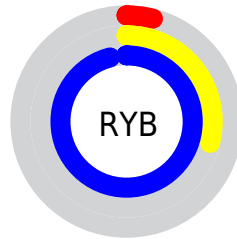
The Hex color **0A64F4** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F49A0A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7096FF**, and **0037BB** is the 20% darker color. If you saturate the color by 10%, you get **005EF4**, and if you desaturate by 10%, it is **2273F4**.

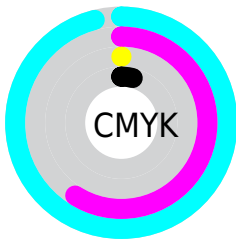
Distribution



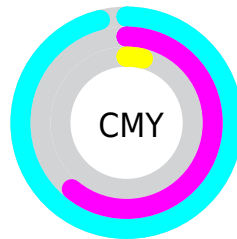
- Red (4%)
- Green (39%)
- Blue (96%)



- Red (4%)
- Yellow (29%)
- Blue (96%)



- Cyan (96%)
- Magenta (59%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (61%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A64F4 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 0A64F4 by changing the saturation by 10% instead.

 0A64F4

 0A64F4

FFFFFF

 004DD7

 7096FF

 0037BB

 92B1FF

 00239F

 B3CCFF

 001384

 D3E8FF

 00056A

 F2FFFF

 000A50

 000538

 000222

 000008

■ 0A64F4

■ 0A64F4

■ 005EF4

■ 2273F4

■ 3B82F4

■ 5391F4

■ 6CA0F4

■ 84AFF4

■ 9CBEF4

■ B5CDF4

■ CDDCF4

■ E6EBF4

Harmonies

Analogous

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



007DFE



0A64F4



AF35C6

Triad

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



0A64F4



C74000



008A5A

Complementary

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



0A64F4



F49A0A

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.



008500



0A64F4



966600

Square

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



0A64F4



E3003D



537B00



008BA4

Rectangle

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



0A64F4



D4009B



537B00



008841

Sweetspot

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



0A64F4



B5D1FF



0AF496



536480



000000



808080

Same Dimension

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



0A64F4



0062FF



210AF4



6E737A



0048BA



00173B

Inverse Universe

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



F40A64



FF0062



DDF40A



7A6E73



BA0048



3B0017

Previews

White Background



This preview shows how the Hex color 0A64F4 looks on a white background.

Color Contrast Check

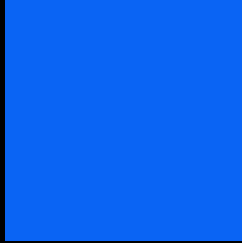
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A64F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

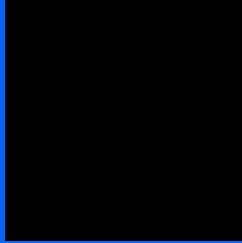
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

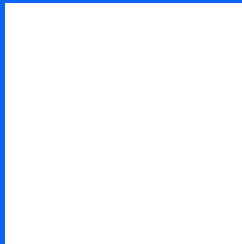
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0A64F4 Background



This preview shows how black text looks on a background with the Hex color 0A64F4.

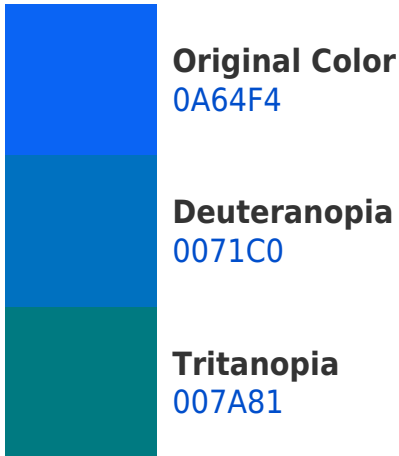


This preview shows how white text looks on a background with the Hex color 0A64F4.

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
0A64F4

Deuteranomaly
046CD3

Tritanomaly
0472AB

Monochromacy



Original Color
0A64F4

Achromatopsia
5A5A5A

Achromatomaly
3D5E92

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A64F4 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 #0A64F4 looks like.

```
.text, #text, p{  
    color:#0A64F4  
}
```

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 #0A64F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A64F4
}
```

Border

The CSS property to change the border of an element to Hex 0A64F4 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
#0A64F4 }
```

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

```
.border{ border-color:#0A64F4 }
```

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

Here you see how a box with a 4 pixel #0A64F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A64F4; -webkit-box-shadow:4px 4px  
4px 4px #0A64F4; box-shadow:4px 4px 4px  
4px #0A64F4 }
```

Background

The CSS property to change the background color of an element to Hex 0A64F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A64F4 }
```

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

```
.background{ background-color:#0A64F4 }
```

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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