

Converting Colors

Hex(0A49F8)

Have a look what the booklet for
Hex(0A49F8) contains.

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Color

Hex(0A49F8)

Conversions

Conversions Part 1

Format	Color
Hex	0A49F8
RGB	10, 73, 248
RGB Percent	4%, 29%, 97%
CMY	0.9608, 0.7137, 0.0275
CMYK	0.96, 0.71, 0.00, 0.03
HSL	224°, 94%, 51%
HSV	224°, 96%, 97%
XYZ	19.4510, 11.6069, 90.0221
YIQ	74.1130, -93.7230, 41.0690

Conversions

Conversions Part 2

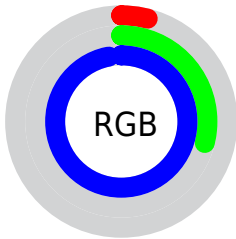
Format	Color
R _Y B	10, 60, 248
Decimal	674296
CIE Lab	40.58, 50.75, -90.15
CIE LCh	41, 103.456, 299.377
Yxy	11.6069, 0.1606, 0.0959
Android (android.graphics.Color)	4278864376 (0xFF0A49F8)
YUV	74.1130, 85.7263, -56.2271
Hunter-Lab	34.0689, 42.2904, -132.8168

Details

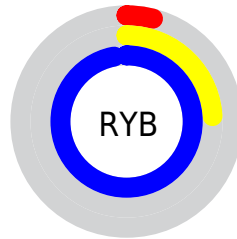
The Hex color **0A49F8** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **F8B90A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **747AFF**, and **001DBE** is the 20% darker color. If you saturate the color by 10%, you get **0042F8**, and if you desaturate by 10%, it is **235BF8**.

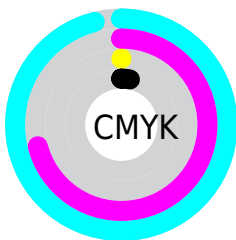
Distribution



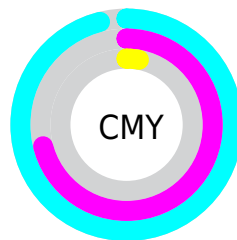
- Red (4%)
- Green (29%)
- Blue (97%)



- Red (4%)
- Yellow (24%)
- Blue (97%)



- Cyan (96%)
- Magenta (71%)
- Yellow (0%)
- Black (3%)



- Cyan (96%)
- Magenta (71%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A49F8 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 0A49F8 by changing the saturation by 10% instead.

 0A49F8

 0A49F8

FFFFFF

 0032DB

 747AFF

 001DBE

 9694FF

 000BA2

 B7AFFF

 000087

 D8CAFF

 000B6C

 F8E7FF

 000B53

 00063B

 000224

 00000C

■ 0A49F8

■ 0A49F8

■ 0042F8

■ 235BF8

■ 3C6DF8

■ 5480F8

■ 6D92F8

■ 86A4F8

■ 9FB6F8

■ B8C9F8

■ D0DBF8

■ E9EDF8

Harmonies

Analogous

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



006FFF



0A49F8



BC00B8

Triad

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



0A49F8



B52C00



007C5C

Complementary

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



0A49F8



F8B90A

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.



007900



0A49F8



775D00

Square

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



0A49F8



DE0014



007100



007EB2

Rectangle

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



0A49F8



DE0082



007100



007B3D

Sweetspot

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



0A49F8



B5C9FF



0AF8B9



535F80



000000



808080

Same Dimension

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



0A49F8



0043FF



420AF8



70747D



0032BD



00103D

Inverse Universe

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



F80A49



FF0043



C0F80A



7D7074



BD0032



3D0010

Previews

White Background



This preview shows how the Hex color 0A49F8 looks on a white background.

Color Contrast Check

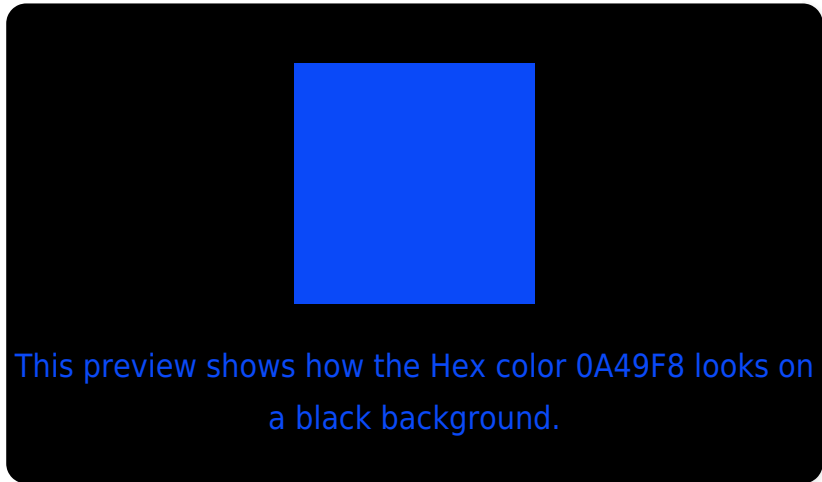
Large Text (above 18pt) WCAG AA ✓ Pass

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

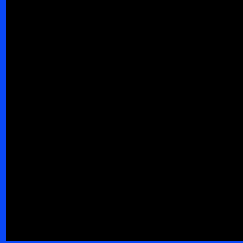
Any Text WCAG AA × Fail

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 0A49F8 Background



This preview shows how black text looks on a background with the Hex color 0A49F8.

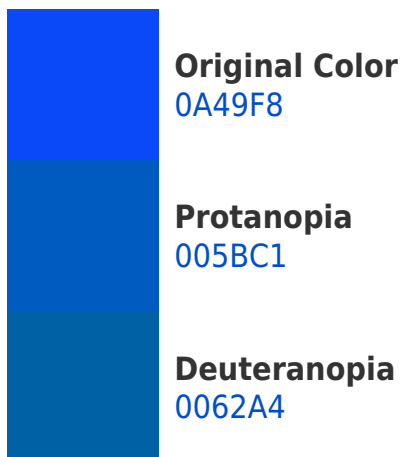


This preview shows how white text looks on a background with the Hex color 0A49F8.

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
00696F

Trichromacy



Original Color
0A49F8

Protanomaly
0454D5

Deuteranomaly
0459C3

Tritanomaly
045DA1

Monochromacy



Original Color
0A49F8

Achromatopsia
4A4A4A

Achromatomaly
334A89

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A49F8 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 #0A49F8 looks like.

```
.text, #text, p{  
    color:#0A49F8  
}
```

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 #0A49F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A49F8
}
```

Border

The CSS property to change the border of an element to Hex 0A49F8 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
#0A49F8 }
```

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

```
.border{ border-color:#0A49F8 }
```

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

Here you see how a box with a 4 pixel #0A49F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A49F8; -webkit-box-shadow:4px 4px  
4px 4px #0A49F8; box-shadow:4px 4px 4px  
4px #0A49F8 }
```

Background

The CSS property to change the background color of an element to Hex 0A49F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A49F8 }
```

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

```
.background{ background-color:#0A49F8 }
```

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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