

Converting Colors

Hex(0A91F5)

Have a look what the booklet for
Hex(0A91F5) contains.

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Color

Hex(0A91F5)

Conversions

Conversions Part 1

Format	Color
Hex	0A91F5
RGB	10, 145, 245
RGB Percent	4%, 57%, 96%
CMY	0.9608, 0.4314, 0.0392
CMYK	0.96, 0.41, 0.00, 0.04
HSL	206°, 92%, 50%
HSV	206°, 96%, 96%
XYZ	26.7320, 26.9079, 90.1710
YIQ	116.0350, -112.5600, 2.4800

Conversions

Conversions Part 2

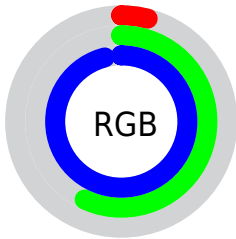
Format	Color
R _Y B	10, 96, 245
Decimal	692725
CIE Lab	58.89, 4.80, -58.70
CIE LCh	59, 58.893, 274.671
Yxy	26.9079, 0.1859, 0.1871
Android (android.graphics.Color)	4278882805 (0xFF0A91F5)
YUV	116.0350, 63.5797, -92.9927
Hunter-Lab	51.8728, 1.2103, -66.7534

Details

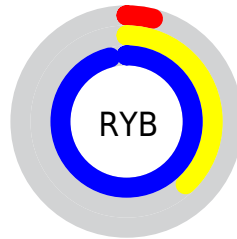
The Hex color **0A91F5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F56E0A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6FC6FF**, and **005FBC** is the 20% darker color. If you saturate the color by 10%, you get **008DF5**, and if you desaturate by 10%, it is **229BF5**.

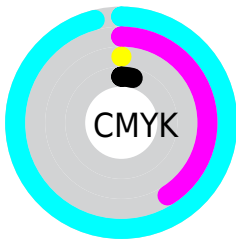
Distribution



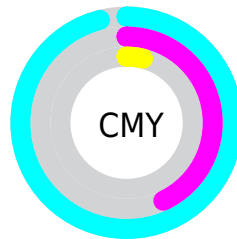
- Red (4%)
- Green (57%)
- Blue (96%)



- Red (4%)
- Yellow (38%)
- Blue (96%)



- Cyan (96%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (43%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A91F5 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 0A91F5 by changing the saturation by 10% instead.

0A91F5

0A91F5

FFFFFF

0078D8

6FC6FF

005FBC

91E2FF

0048A1

B1FFFF

003386

D0FFFF

00206C

F0FFFF

000B53

00063B

000224

00000C

■ 0A91F5

■ 0A91F5

■ 008DF5

■ 229BF5

■ 3BA6F5

■ 54B0F5

■ 6CBBF5

■ 84C5F5

■ 9DD0F5

■ B6DAF5

■ CEE4F5

■ E7EFF5

Harmonies

Analogous

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



009FEB



0A91F5



9A7CE3

Triad

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



0A91F5



E66656



00A35F

Complementary

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



0A91F5



F56E0A

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.



6B9B31



0A91F5



CB7B2D

Square

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



0A91F5



EA5C88



A18E18



00A695

Rectangle

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



0A91F5



C36DCA



A18E18



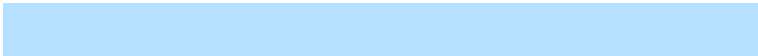
38A14F

Sweetspot

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



0A91F5



B5E0FF



0AF56C



536D80



000000



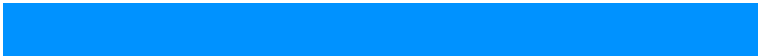
808080

Same Dimension

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



0A91F5



0092FF



0A1EF5



6E757A



006BBA



00223B

Inverse Universe

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



F50A91



FF0092



F5E10A



7A6E75



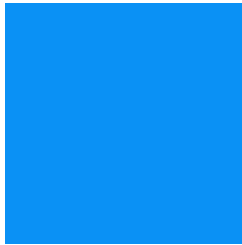
BA006B



3B0022

Previews

White Background



This preview shows how the Hex color 0A91F5 looks on a white background.

Color Contrast Check

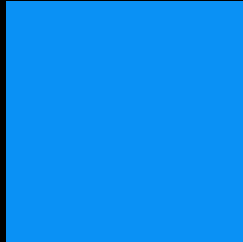
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0A91F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

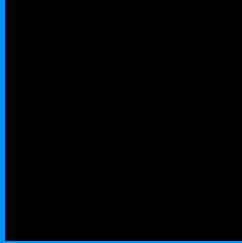
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

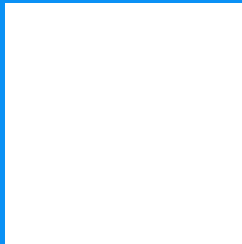
Any Text WCAG AAA × Fail

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

Hex 0A91F5 Background



This preview shows how black text looks on a background with the Hex color 0A91F5.

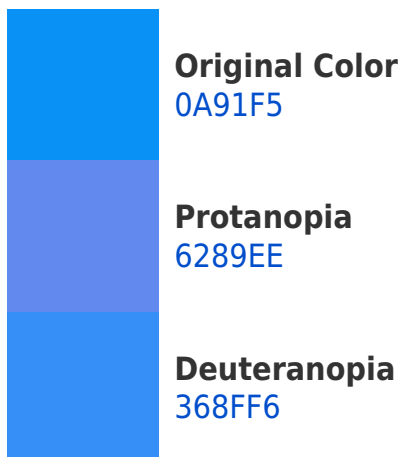


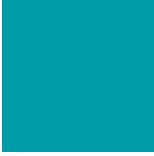
This preview shows how white text looks on a background with the Hex color 0A91F5.

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
009CA7

Trichromacy



Original Color
0A91F5

Protanomaly
428CF1

Deuteranomaly
2690F6

Tritanomaly
0498C3

Monochromacy



Original Color
0A91F5

Achromatopsia
747474

Achromatomaly
4D7FA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A91F5 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 #0A91F5 looks like.

```
.text, #text, p{  
    color:#0A91F5  
}
```

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 #0A91F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A91F5
}
```

Border

The CSS property to change the border of an element to Hex 0A91F5 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
#0A91F5 }
```

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

```
.border{ border-color:#0A91F5 }
```

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

Here you see how a box with a 4 pixel #0A91F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A91F5; -webkit-box-shadow:4px 4px  
4px 4px #0A91F5; box-shadow:4px 4px 4px  
4px #0A91F5 }
```

Background

The CSS property to change the background color of an element to Hex 0A91F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A91F5 }
```

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

```
.background{ background-color:#0A91F5 }
```

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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