

# Converting Colors

Hex(0A48FF)

Have a look what the booklet for  
Hex(0A48FF) contains.

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**Color**

**Hex(0A48FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A48FF
RGB	10, 72, 255
RGB Percent	4%, 28%, 100%
CMY	0.9608, 0.7176, 0.0000
CMYK	0.96, 0.72, 0.00, 0.00
HSL	225°, 100%, 52%
HSV	225°, 96%, 100%
XYZ	20.4925, 11.9193, 95.8283
YIQ	74.3240, -95.6950, 43.7690

# Conversions

## Conversions Part 2

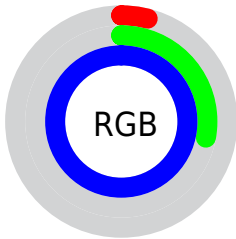
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	10, 59, 255
Decimal	674047
CIE Lab	41.09, 53.75, -93.24
CIE LCh	41, 107.621, 299.963
Yxy	11.9193, 0.1598, 0.0929
Android (android.graphics.Color)	4278864127 (0xFF0A48FF)
YUV	74.3240, 89.0733, -56.4121
Hunter-Lab	34.5243, 45.5346, -140.4030

# Details

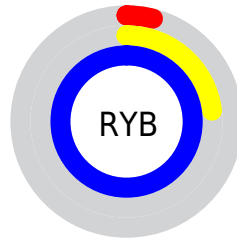
The Hex color **0A48FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **FFC10A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7679FF**, and **001CC5** is the 20% darker color. If you saturate the color by 10%, you get **0041FF**, and if you desaturate by 10%, it is **235BFF**.

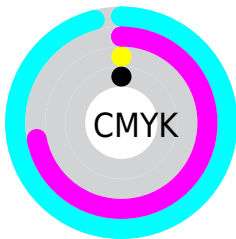
# Distribution



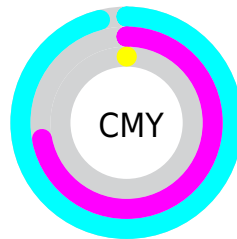
- Red (4%)
- Green (28%)
- Blue (100%)



- Red (4%)
- Yellow (23%)
- Blue (100%)



- Cyan (96%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (72%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A48FF 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 0A48FF by changing the saturation by 10% instead.



 0A48FF

 0A48FF

FFFFFF

 0031E2

 7679FF

 001CC5

 9993FF

 0009A8

 BAAEFF

 00008D

 DBCAFF

 000A72

 FBE6FF

 000D59

 000740

 000329

 000113

■ 0A48FF

■ 0A48FF

■ 0041FF

■ 235BFF

■ 3D6EFF

■ 5781FF

■ 7094FF

■ 8AA7FF

■ A3BAFF

■ BDCDFF

■ D6E0FF

■ F0F3FF

# Harmonies

## Analogous

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



0070FF



0A48FF



C200BC

# Triad

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



0A48FF



B82C00



007E5F

# Complementary

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



0A48FF



FFC10A

# 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.



007B00



0A48FF



775F00

# Square

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



0A48FF



E40010



007300



0080B9

# Rectangle

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



0A48FF



E50083



007300



007D3F



# Sweetspot

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



0A48FF



B5C8FF



0AFFBE



535E80



000000



808080



# Same Dimension

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



0A48FF



0041FF



430AFF



737680



0030BF



001040



# Inverse Universe

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



FF0A48



FF0041



C6FF0A



807376



BF0030



400010



# Previews

## White Background



This preview shows how the Hex color 0A48FF looks on a white background.

## Color Contrast Check

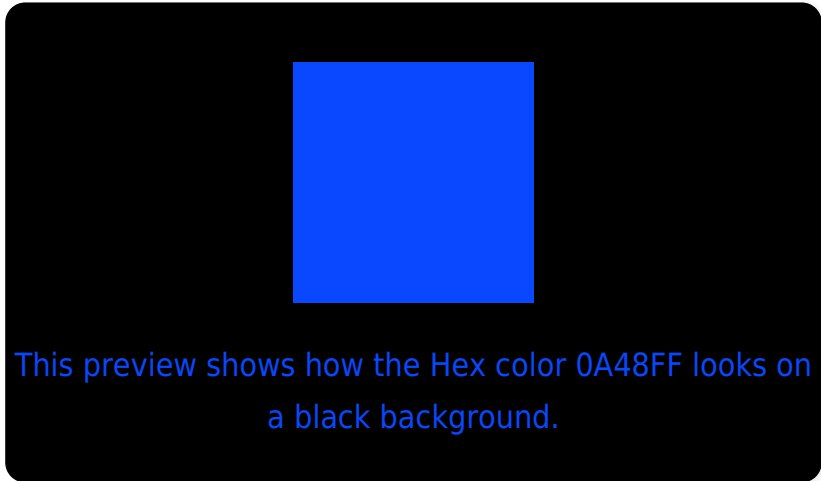
Large Text (above 18pt) WCAG AA ✓ Pass

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

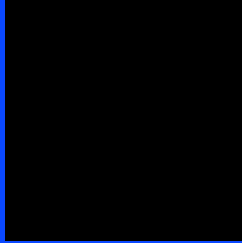
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A48FF Background



This preview shows how black text looks on a background with the Hex color 0A48FF.



This preview shows how white text looks on a background with the Hex color 0A48FF.

# 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



**Original Color**  
0A48FF

**Protanopia**  
005CC3

**Deuteranopia**  
0063A6



**Tritanopia**  
006B70

# Trichromacy



**Original Color**  
0A48FF

**Protanomaly**  
0455D9

**Deuteranomaly**  
0459C6

**Tritanomaly**  
045EA4

# Monochromacy



**Original Color**  
0A48FF

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
33498C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A48FF 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 #0A48FF looks like.

```
.text, #text, p{  
    color:#0A48FF  
}
```

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 #0A48FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A48FF
}
```

## Border

The CSS property to change the border of an element to Hex 0A48FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

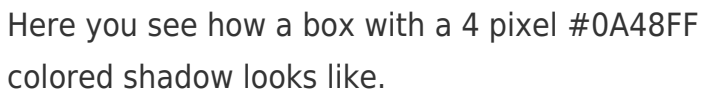
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A48FF }
```

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

```
.border{ border-color:#0A48FF }
```

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



Here you see how a box with a 4 pixel #0A48FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A48FF; -webkit-box-shadow:4px 4px  
4px 4px #0A48FF; box-shadow:4px 4px 4px  
4px #0A48FF }
```

# Background

The CSS property to change the background color of an element to Hex 0A48FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A48FF }
```

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

```
.background{ background-color:#0A48FF }
```

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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