

# Converting Colors

Hex(0A52FF)

Have a look what the booklet for  
Hex(0A52FF) contains.

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# Color

**Hex(0A52FF)**

# Conversions

Conversions Part 1	
Format	Color
Hex	0A52FF
RGB	10, 82, 255
RGB Percent	4%, 32%, 100%
CMY	0.9608, 0.6784, 0.0000
CMYK	0.96, 0.68, 0.00, 0.00
HSL	222°, 100%, 52%
HSV	222°, 96%, 100%
XYZ	21.1925, 13.3191, 96.0616
YIQ	80.1940, -98.4450, 38.5390

# Conversions

## Conversions Part 2

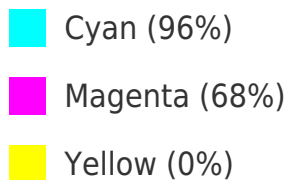
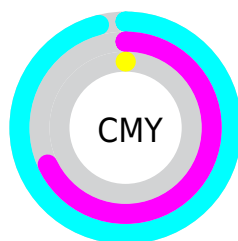
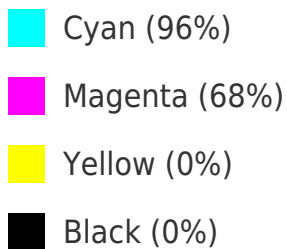
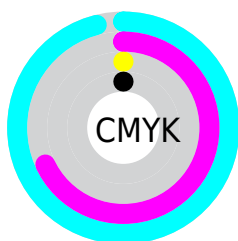
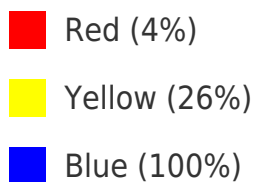
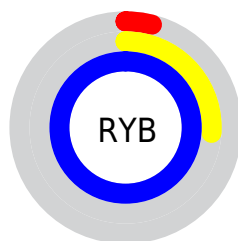
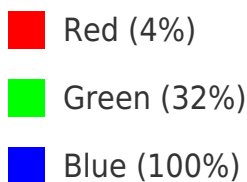
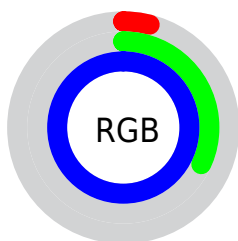
Format	Color
<a href="#">RYB</a>	<a href="#">10, 66, 255</a>
Decimal	<a href="#">676607</a>
CIELab	<a href="#">43.24, 47.85, -89.68</a>
CIELCh	<a href="#">43, 101.647, 298.081</a>
Yxy	<a href="#">13.3191, 0.1623, 0.1020</a>
Android (android.graphics.Color)	<a href="#">4278866687</a> (0xFF0A52FF)
YUV	<a href="#">80.1940, 86.1794, -61.5601</a>
Hunter-Lab	<a href="#">36.4954, 39.7862, -130.5140</a>

# Details

The Hex color **0A52FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **FFB70A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7583FF**, and **0026C5** is the 20% darker color. If you saturate the color by 10%, you get **004BFF**, and if you desaturate by 10%, it is **2364FF**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 0A52FF 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 0A52FF by changing the saturation by 10% instead.



 0A52FF

FFFFFF

 7583FF

 989EFF

 B9B8FF

 D9D4FF

 FAF1FF

 0A52FF

 003BE2

 0026C5

 0014A9

 00028D

 000772

 000D59

 000740

 000329

 000113

 0A52FF

 0A52FF

 004BFF

 2364FF

 3D76FF

 5788FF

 709AFF

 8AACFF

 A3BEFF

 BDD0FF

 D6E2FF

 F0F4FF

# Harmonies

## Analogous

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



0076FF



0A52FF



BF00C1

# Triad

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



0A52FF



BF3200



00835E

# Complementary

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



0A52FF



FFB70A

# 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.



008000



0A52FF



826200

# Square

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



0A52FF



E7001E



217700



0085B5

# Rectangle

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



0A52FF



E3008C



217700



008240



# Sweetspot

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



0A52FF



B5CBFF



0AFFB6



536080



000000



808080



# Same Dimension

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



0A52FF



004BFF



3B0AFF



737680



0038BF



001340



# Inverse Universe

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



FF0A52



FF004B



CEFF0A



807376



BF0038



400013



# Previews

## White Background



This preview shows how the Hex color 0A52FF looks on a white background.

## Color Contrast Check

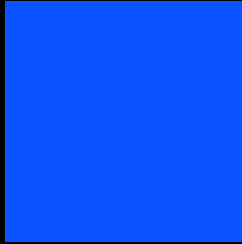
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A52FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

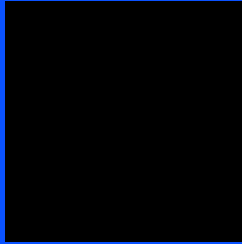
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A52FF Background



This preview shows how black text looks on a background with the Hex color 0A52FF.



This preview shows how white text looks on a background with the Hex color 0A52FF.

# 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**

0A52FF

**Protanopia**




0062CE

**Deuteranopia**



0068AF



# Trichromacy

	<b>Original Color</b> 0A52FF
	<b>Protanomaly</b> 045CE0
	<b>Deuteranomaly</b> 0460CC
	<b>Tritanomaly</b> 0465A8

# Monochromacy

	<b>Original Color</b> 0A52FF
	<b>Achromatopsia</b> 505050
	<b>Achromatomaly</b> 375190

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A52FF 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 #0A52FF looks like.

```
.text, #text, p{  
    color:#0A52FF  
}
```

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 #0A52FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A52FF
}
```

## Border

The CSS property to change the border of an element to Hex 0A52FF 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
#0A52FF }
```

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

```
.border{ border-color:#0A52FF }
```

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

Here you see how a box with a 4 pixel #0A52FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A52FF; -webkit-box-shadow:4px 4px  
4px 4px #0A52FF; box-shadow:4px 4px 4px  
4px #0A52FF }
```

# Background

The CSS property to change the background color of an element to Hex 0A52FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A52FF }
```

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

```
.background{ background-color:#0A52FF }
```

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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