

Converting Colors

Hex(0A42FF)

Have a look what the booklet for
Hex(0A42FF) contains.

Hex(0A42FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0A42FF)

Conversions

Conversions Part 1

Format	Color
Hex	0A42FF
RGB	10, 66, 255
RGB Percent	4%, 26%, 100%
CMY	0.9608, 0.7412, 0.0000
CMYK	0.96, 0.74, 0.00, 0.00
HSL	226°, 100%, 52%
HSV	226°, 96%, 100%
XYZ	20.1234, 11.1810, 95.7053
YIQ	70.8020, -94.0450, 46.9070

Conversions

Conversions Part 2

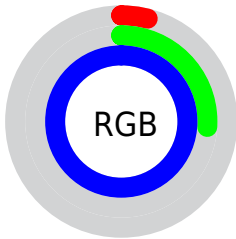
Format	Color
R _Y B	10, 56, 255
Decimal	672511
CIE Lab	39.88, 57.13, -95.23
CIE LCh	40, 111.052, 300.959
Yxy	11.1810, 0.1584, 0.0880
Android (android.graphics.Color)	4278862591 (0xFF0A42FF)
YUV	70.8020, 90.8096, -53.3234
Hunter-Lab	33.4379, 48.9072, -146.2918

Details

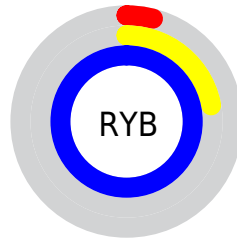
The Hex color **0A42FF** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FFC70A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7773FF**, and **0015C5** is the 20% darker color. If you saturate the color by 10%, you get **003AFF**, and if you desaturate by 10%, it is **2356FF**.

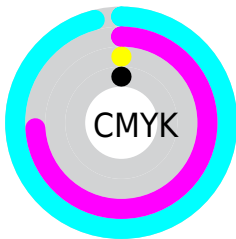
Distribution



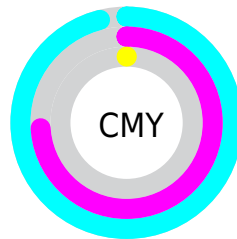
- Red (4%)
- Green (26%)
- Blue (100%)



- Red (4%)
- Yellow (22%)
- Blue (100%)



- Cyan (96%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A42FF 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 0A42FF by changing the saturation by 10% instead.

0A42FF

0A42FF

FFFFFF

002BE1

7773FF

0015C5

9A8DFF

0003A8

BBA8FF

00008D

DCC4FF

000B72

FCE0FF

000D58

FFFDFF

000740

000329

000113

 0A42FF

 0A42FF

 003AFF

 2356FF

 3D69FF

 577DFF

 7091FF

 8AA4FF

 A3B8FF

 BDCCFF

 D6DFFF

 F0F3FF

Harmonies

Analogous

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



006EFF



0A42FF



C400B8

Triad

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



0A42FF



B52800



007B5F

Complementary

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



0A42FF



FFC70A

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.



007800



0A42FF



715D00

Square

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



0A42FF



E20006



007100



007EBB

Rectangle

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



0A42FF



E6007E



007100



007A3E

Sweetspot

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



0A42FF



B5C6FF



0AFFC6



535D80



000000



808080

Same Dimension

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



0A42FF



003AFF



4B0AFF



737680



002CBF



000F40

Inverse Universe

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



FF0A42



FF003A



BEFF0A



807376



BF002C



40000F

Previews

White Background



This preview shows how the Hex color 0A42FF looks on a white background.

Color Contrast Check

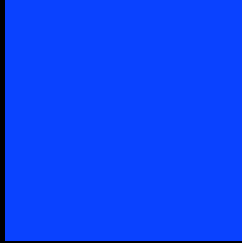
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A42FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

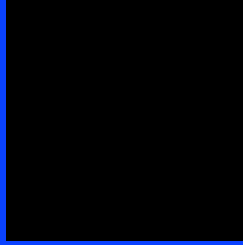
Any Text WCAG AA × Fail

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 0A42FF Background



This preview shows how black text looks on a background with the Hex color 0A42FF.

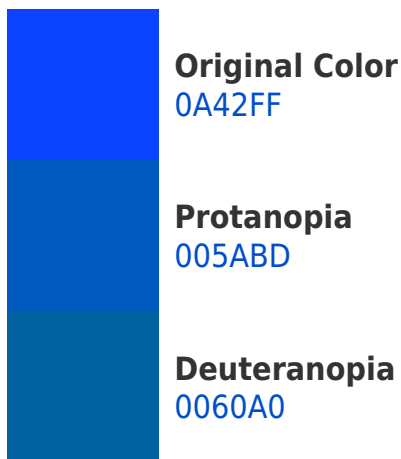


This preview shows how white text looks on a background with the Hex color 0A42FF.

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
00676C

Trichromacy



Original Color
0A42FF

Protanomaly
0451D5

Deuteranomaly
0455C3

Tritanomaly
045AA1

Monochromacy



Original Color
0A42FF

Achromatopsia
474747

Achromatomaly
31458A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A42FF 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 #0A42FF looks like.

```
.text, #text, p{  
    color:#0A42FF  
}
```

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 #0A42FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A42FF
}
```

Border

The CSS property to change the border of an element to Hex 0A42FF 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
#0A42FF }
```

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

```
.border{ border-color:#0A42FF }
```

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

Here you see how a box with a 4 pixel #0A42FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A42FF; -webkit-box-shadow:4px 4px  
4px 4px #0A42FF; box-shadow:4px 4px 4px  
4px #0A42FF }
```

Background

The CSS property to change the background color of an element to Hex 0A42FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A42FF }
```

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

```
.background{ background-color:#0A42FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor