

Converting Colors

Hex(10A3FF)

Have a look what the booklet for
Hex(10A3FF) contains.

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Color

Hex(10A3FF)

Conversions

Conversions Part 1

Format	Color
Hex	10A3FF
RGB	16, 163, 255
RGB Percent	6%, 64%, 100%
CMY	0.9373, 0.3608, 0.0000
CMYK	0.94, 0.36, 0.00, 0.00
HSL	203°, 100%, 53%
HSV	203°, 94%, 100%
XYZ	31.3609, 33.5245, 99.4257
YIQ	129.5350, -117.1440, -2.5520

Conversions

Conversions Part 2

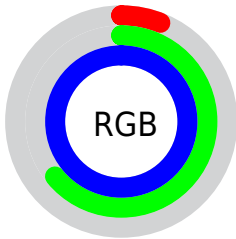
Format	Color
R _Y B	16, 107, 255
Decimal	1090559
CIE Lab	64.58, -1.84, -55.10
CIE LCh	65, 55.127, 268.089
Yxy	33.5245, 0.1909, 0.2040
Android (android.graphics.Color)	4279280639 (0xFF10A3FF)
YUV	129.5350, 61.8542, -99.5702
Hunter-Lab	57.9004, -4.6438, -61.2817

Details

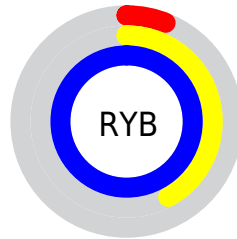
The Hex color **10A3FF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **FF6C10**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **73DAFF**, and **0070C6** is the 20% darker color. If you saturate the color by 10%, you get **009DFF**, and if you desaturate by 10%, it is **2AADFF**.

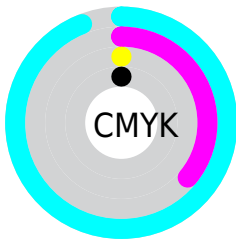
Distribution



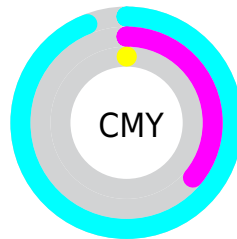
- Red (6%)
- Green (64%)
- Blue (100%)



- Red (6%)
- Yellow (42%)
- Blue (100%)



- Cyan (94%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10A3FF 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 10A3FF by changing the saturation by 10% instead.

 10A3FF

 10A3FF

FFFFFF

 0089E2

 73DAFF

 0070C6

 95F6FF

 0058AA

 B5FFFF

 00418F

 D5FFFF

 002C75

 F5FFFF

 00195C

 000743

 00032C

 000117

 10A3FF

 10A3FF

 009DFF

 2AADFF

 43B7FF

 5DC0FF

 76CAFF

 90D4FF

 A9DEFF

 C3E8FF

 DCF2FF

 F6FBFF

Harmonies

Analogous

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



00AFEF



10A3FF



9991F4

Triad

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



10A3FF



F57671



47B066

Complementary

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



10A3FF



FF6C10

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.



8AA740



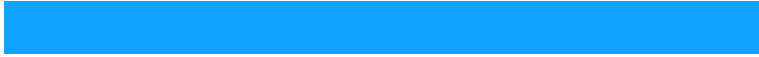
10A3FF



E08649

Square

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



10A3FF



F471A2



BA9934



00B598

Rectangle

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



10A3FF



C583DF



BA9934



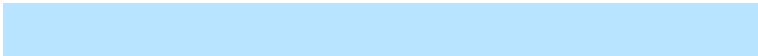
61AE58

Sweetspot

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



10A3FF



B8E4FF



10FF6C



546F80



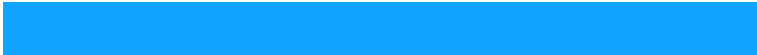
000000



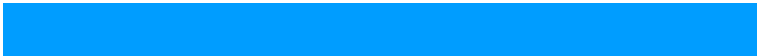
808080

Same Dimension

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



10A3FF



009DFF



102CFF



737B80



0076BF



002740

Inverse Universe

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



FF10A3



FF009D



FFE310



80737B



BF0076



400027

Previews

White Background



This preview shows how the Hex color 10A3FF looks on a white background.

Color Contrast Check

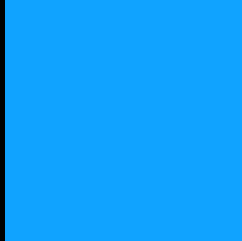
Large Text (above 18pt) WCAG AA × Fail

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 10A3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

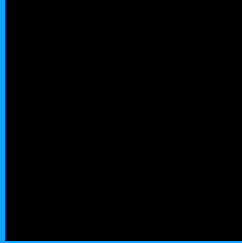
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

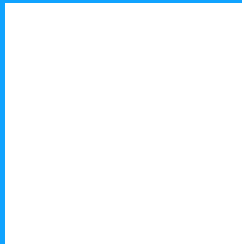
Any Text WCAG AAA ✓ Pass

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

Hex 10A3FF Background



This preview shows how black text looks on a background with the Hex color 10A3FF.

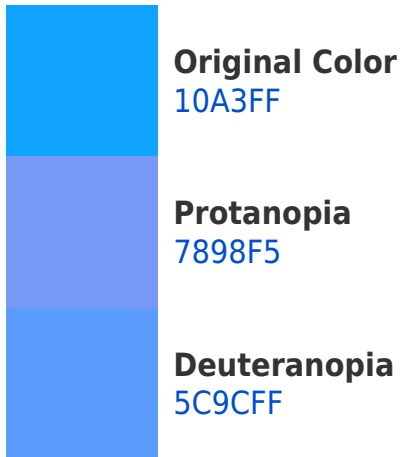


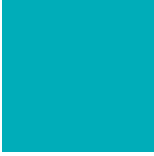
This preview shows how white text looks on a background with the Hex color 10A3FF.

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](#).

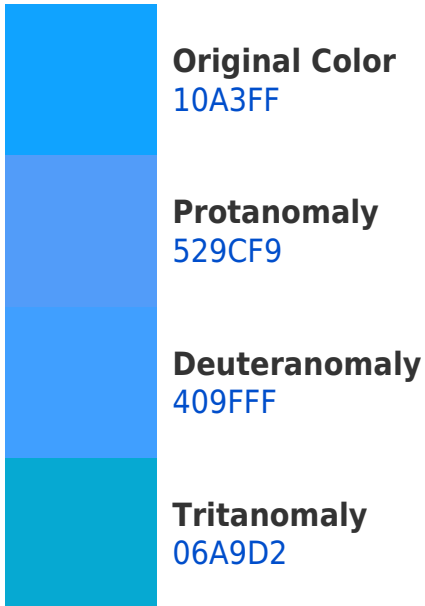
Dichromacy



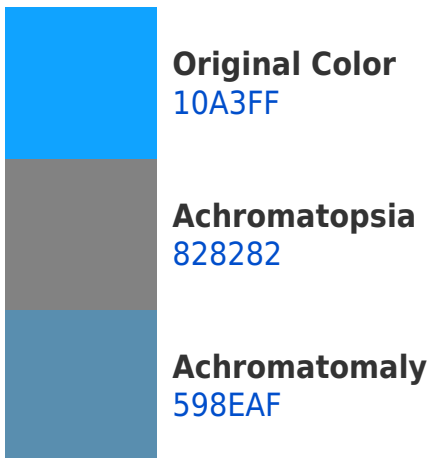


Tritanopia
00ADB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 10A3FF 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 #10A3FF looks like.

```
.text, #text, p{  
    color:#10A3FF  
}
```

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 #10A3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A3FF
}
```

Border

The CSS property to change the border of an element to Hex 10A3FF 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
#10A3FF }
```

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

```
.border{ border-color:#10A3FF }
```

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

Here you see how a box with a 4 pixel #10A3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A3FF; -webkit-box-shadow:4px 4px  
4px 4px #10A3FF; box-shadow:4px 4px 4px  
4px #10A3FF }
```

Background

The CSS property to change the background color of an element to Hex 10A3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A3FF }
```

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

```
.background{ background-color:#10A3FF }
```

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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