

Converting Colors

Hex(10A1EF)

Have a look what the booklet for
Hex(10A1EF) contains.

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Color

Hex(10A1EF)

Conversions

Conversions Part 1

Format	Color
Hex	10A1EF
RGB	16, 161, 239
RGB Percent	6%, 63%, 94%
CMY	0.9373, 0.3686, 0.0627
CMYK	0.93, 0.33, 0.00, 0.06
HSL	201°, 87%, 50%
HSV	201°, 93%, 94%
XYZ	28.5385, 31.8319, 86.3014
YIQ	126.5370, -111.4580, -6.4820

Conversions

Conversions Part 2

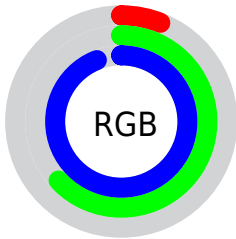
Format	Color
R _Y B	16, 104, 239
Decimal	1090031
CIE Lab	63.20, -6.58, -48.53
CIE LCh	63, 48.976, 262.275
Yxy	31.8319, 0.1946, 0.2170
Android (android.graphics.Color)	4279280111 (0xFF10A1EF)
YUV	126.5370, 55.4443, -96.9409
Hunter-Lab	56.4198, -8.4448, -51.1980

Details

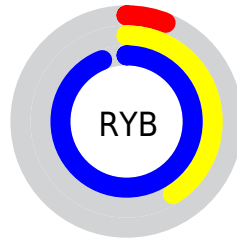
The Hex color **10A1EF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **EF5E10**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6FD8FF**, and **006EB7** is the 20% darker color. If you saturate the color by 10%, you get **009BEF**, and if you desaturate by 10%, it is **28A9EF**.

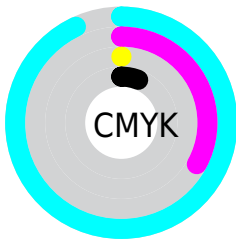
Distribution



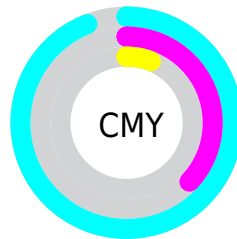
- Red (6%)
- Green (63%)
- Blue (94%)



- Red (6%)
- Yellow (41%)
- Blue (94%)



- Cyan (93%)
- Magenta (33%)
- Yellow (0%)
- Black (6%)



- Cyan (94%)
- Magenta (37%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10A1EF 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 10A1EF by changing the saturation by 10% instead.

 10A1EF

 10A1EF

FFFFFF

 0087D2


 6FD8FF

 006EB7

 90F4FF

 00569B

 B0FFFF

 003F81

 D0FFFF

 002A67

 EFFFFFF

 00164F

 000537

 000221

 000006

■ 10A1EF

■ 10A1EF

■ 009BEF

■ 28A9EF

■ 40B2EF

■ 58BAEF

■ 70C2EF

■ 87CBEF

■ 9FD3EF

■ B7DCEF

■ CFE4EF

■ E7ECEf

Harmonies

Analogous

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



00ABDD



10A1EF



8992EA

Triad

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



10A1EF



EA767A



5EAA62

Complementary

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



10A1EF



EF5E10

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.



92A044



10A1EF



DB8255

Square

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



10A1EF



E475A6



BC9340



00AE8C

Rectangle

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



10A1EF



B386DA



BC9340



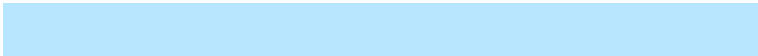
71A756

Sweetspot

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



10A1EF



B8E6FF



10EF5A



547080



000000



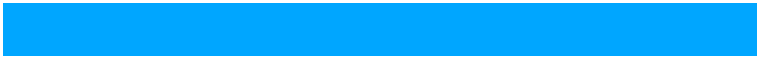
808080

Same Dimension

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



10A1EF



00A6FF



1035EF



6C7478



0077B8



002438

Inverse Universe

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



EF10A1



FF00A6



EFCA10



786C74



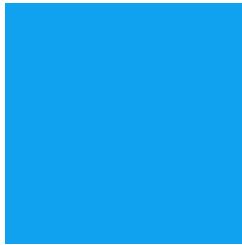
B80077



380024

Previews

White Background



This preview shows how the Hex color 10A1EF looks on a white background.

Color Contrast Check

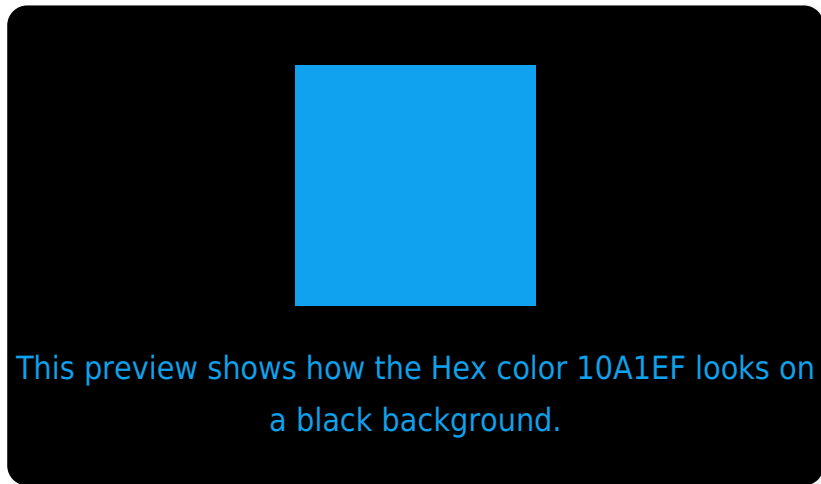
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

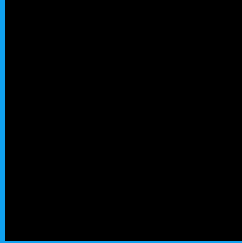
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

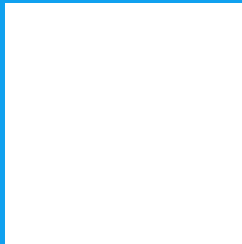
Any Text WCAG AAA ✓ Pass

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

Hex 10A1EF Background



This preview shows how black text looks on a background with the Hex color 10A1EF.

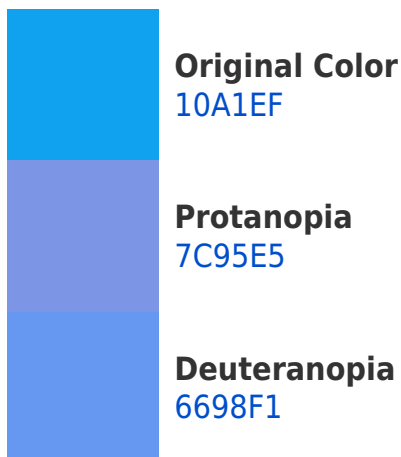


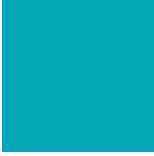
This preview shows how white text looks on a background with the Hex color 10A1EF.

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](#).

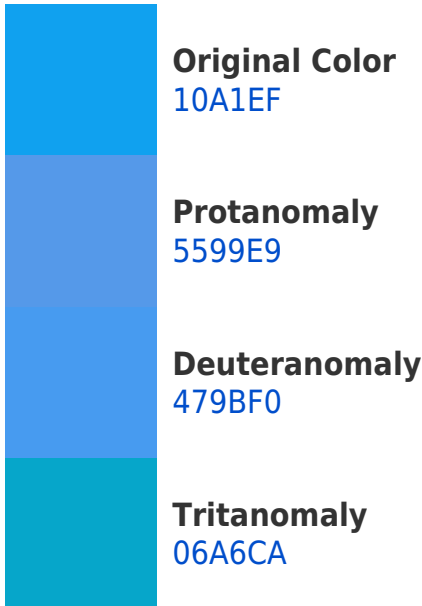
Dichromacy



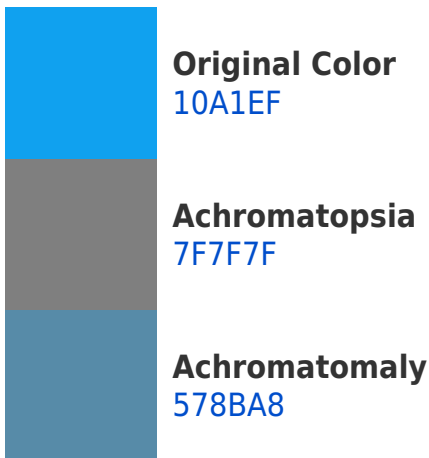


Tritanopia
00A9B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 10A1EF 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 #10A1EF looks like.

```
.text, #text, p{  
    color:#10A1EF  
}
```

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 #10A1EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A1EF
}
```

Border

The CSS property to change the border of an element to Hex 10A1EF 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
#10A1EF }
```

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

```
.border{ border-color:#10A1EF }
```

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

Here you see how a box with a 4 pixel #10A1EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A1EF; -webkit-box-shadow:4px 4px  
4px 4px #10A1EF; box-shadow:4px 4px 4px  
4px #10A1EF }
```

Background

The CSS property to change the background color of an element to Hex 10A1EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A1EF }
```

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

```
.background{ background-color:#10A1EF }
```

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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