

Converting Colors

Hex(10AAF7)

Have a look what the booklet for
Hex(10AAF7) contains.

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Color

Hex(10AAF7)

Conversions

Conversions Part 1

Format	Color
Hex	10AAF7
RGB	16, 170, 247
RGB Percent	6%, 67%, 97%
CMY	0.9373, 0.3333, 0.0314
CMYK	0.94, 0.31, 0.00, 0.03
HSL	200°, 94%, 52%
HSV	200°, 94%, 97%
XYZ	31.3769, 35.5750, 93.2086
YIQ	132.7320, -116.5010, -8.7010

Conversions

Conversions Part 2

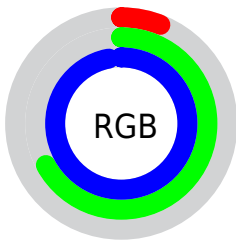
Format	Color
RYB	16, 108, 247
Decimal	1092343
CIELab	66.19, -8.72, -48.19
CIElCh	66, 48.971, 259.742
Yxy	35.5750, 0.1959, 0.2221
Android (android.graphics.Color)	4279282423 (0xFF10AAF7)
YUV	132.7320, 56.3341, -102.3740
Hunter-Lab	59.6448, -10.4762, -50.9028

Details

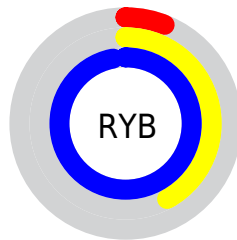
The Hex color **10AAF7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **F75D10**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **71E1FF**, and **0076BE** is the 20% darker color. If you saturate the color by 10%, you get **00A5F7**, and if you desaturate by 10%, it is **29B2F7**.

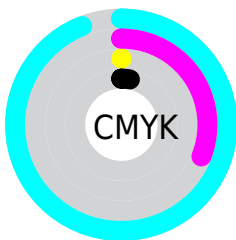
Distribution



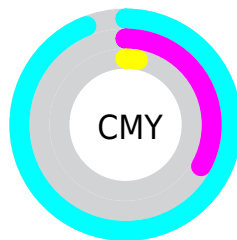
- Red (6%)
- Green (67%)
- Blue (97%)



- Red (6%)
- Yellow (42%)
- Blue (97%)



- Cyan (94%)
- Magenta (31%)
- Yellow (0%)
- Black (3%)



- Cyan (94%)
- Magenta (33%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10AAF7 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 10AAF7 by changing the saturation by 10% instead.

 10AAF7

 10AAF7

FFFFFF

 0090DA

 71E1FF

 0076BE

 93FEFF

 005EA3

 B3FFFF

 004688

 D3FFFF

 00316E

 F2FFFF

 001D55

 00063E

 000327

 000110

■ 10AAF7

■ 10AAF7

■ 00A5F7

■ 29B2F7

■ 41BAF7

■ 5AC3F7

■ 73CBF7

■ 8BD3F7

■ A4DBF7

■ BDE4F7

■ D6ECF7

■ EEF4F7

Harmonies

Analogous

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



00B3E3



10AAF7



8B9BF4

Triad

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



10AAF7



F47D86



6BB166

Complementary

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



10AAF7



F75D10

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.



9EA74B



10AAF7



E6895F

Square

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



10AAF7



EB7DB2



C89948



01B690

Rectangle

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



10AAF7



B790E5



C89948



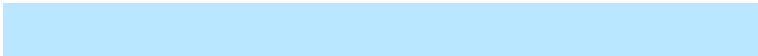
7DAE5B

Sweetspot

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



10AAF7



B8E7FF



10F75D



547180



000000



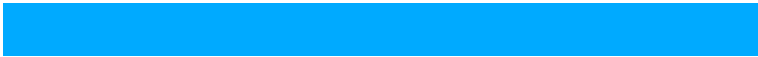
808080

Same Dimension

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



10AAF7



00AAFF



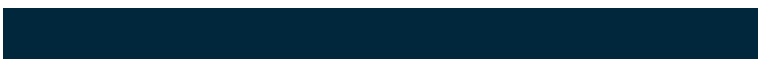
1037F7



6E767A



007CBA



00273B

Inverse Universe

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



F710AA



FF00AA



F7D110



7A6E76



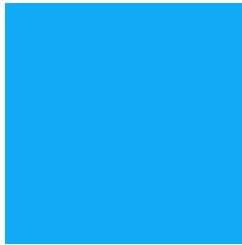
BA007C



3B0027

Previews

White Background



This preview shows how the Hex color 10AAF7 looks on a white background.

Color Contrast Check

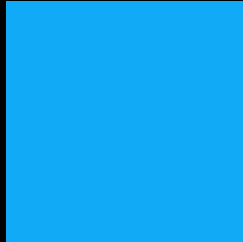
Large Text (above 18pt) WCAG AA × Fail

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 10AAF7 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

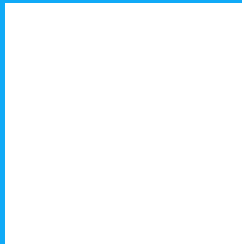
Any Text WCAG AAA ✓ Pass

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

Hex 10AAF7 Background



This preview shows how black text looks on a background with the Hex color 10AAF7.

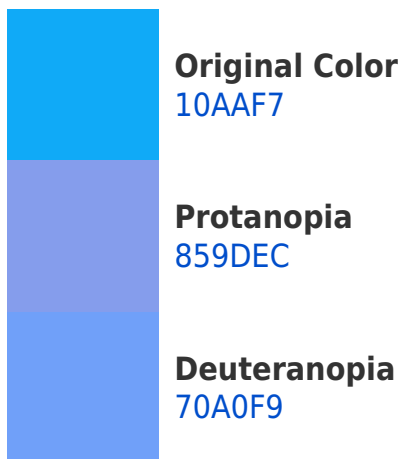


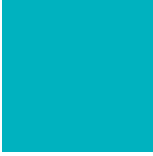
This preview shows how white text looks on a background with the Hex color 10AAF7.

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](#).

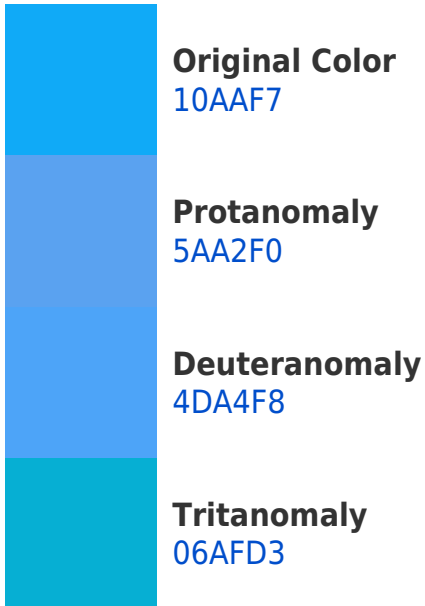
Dichromacy



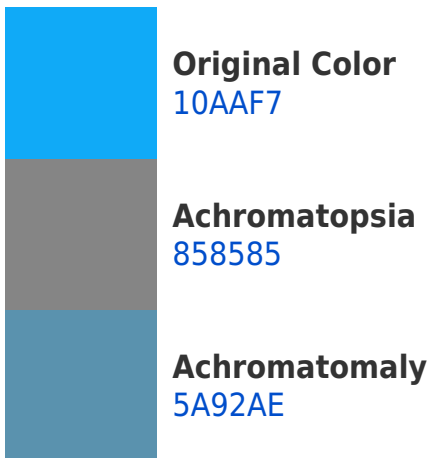


Tritanopia
00B2BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 10AAF7 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 #10AAF7 looks like.

```
.text, #text, p{  
    color:#10AAF7  
}
```

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 #10AAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10AAF7
}
```

Border

The CSS property to change the border of an element to Hex 10AAF7 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
#10AAF7 }
```

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

```
.border{ border-color:#10AAF7 }
```

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

Here you see how a box with a 4 pixel #10AAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10AAF7; -webkit-box-shadow:4px 4px  
4px 4px #10AAF7; box-shadow:4px 4px 4px  
4px #10AAF7 }
```

Background

The CSS property to change the background color of an element to Hex 10AAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10AAF7 }
```

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

```
.background{ background-color:#10AAF7 }
```

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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