

Converting Colors

Hex(10B6F1)

Have a look what the booklet for
Hex(10B6F1) contains.

Hex(10B6F1)	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(10B6F1)

Conversions

Conversions Part 1

Format	Color
Hex	10B6F1
RGB	16, 182, 241
RGB Percent	6%, 71%, 95%
CMY	0.9373, 0.2863, 0.0549
CMYK	0.93, 0.24, 0.00, 0.05
HSL	196°, 89%, 50%
HSV	196°, 93%, 95%
XYZ	32.8188, 39.9169, 89.1941
YIQ	139.0920, -117.8750, -16.8430

Conversions

Conversions Part 2

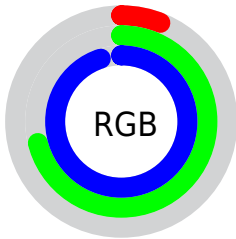
Format	Color
R _Y B	16, 112, 241
Decimal	1095409
CIE Lab	69.41, -17.37, -39.88
CIE LCh	69, 43.495, 246.461
Yxy	39.9169, 0.2027, 0.2465
Android (android.graphics.Color)	4279285489 (0xFF10B6F1)
YUV	139.0920, 50.2406, -107.9517
Hunter-Lab	63.1798, -17.8428, -39.4767

Details

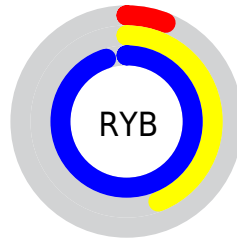
The Hex color **10B6F1** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **F14B10**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **71EEFF**, and **0081B9** is the 20% darker color. If you saturate the color by 10%, you get **00B2F1**, and if you desaturate by 10%, it is **28BCF1**.

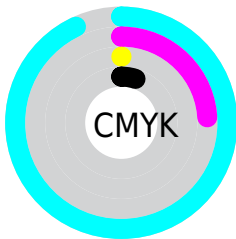
Distribution



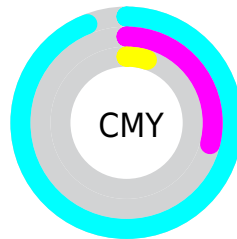
- Red (6%)
- Green (71%)
- Blue (95%)



- Red (6%)
- Yellow (44%)
- Blue (95%)



- Cyan (93%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (94%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10B6F1 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 10B6F1 by changing the saturation by 10% instead.

 10B6F1

 10B6F1

FFFFFF

 009BD4

 71EEFF

 0081B9

 92FFFF

 00689E

 B2FFFF

 005083

 D2FFFF

 00396A

 F1FFFF

 002451

 00053A

 000223

 00000B

■ 10B6F1

■ 10B6F1

■ 00B2F1

■ 28BCF1

■ 40C3F1

■ 58C9F1

■ 70CFF1

■ 88D6F1

■ A1DCF1

■ B9E2F1

■ D1E9F1

■ E9EFF1

Harmonies

Analogous

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



00BCD7



10B6F1



7BABF8

Triad

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



10B6F1



F48AA2



90B568

Complementary

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



10B6F1



F14B10

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.



BAAA59



10B6F1



F18F7D

Square

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



10B6F1



E28FCA



DC9C62



5DBC89

Rectangle

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



10B6F1



A6A1F0



DC9C62



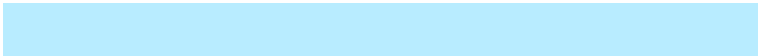
9FB261

Sweetspot

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



10B6F1



B8ECFF



10F148



547480



000000



808080

Same Dimension

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



10B6F1



00BCFF



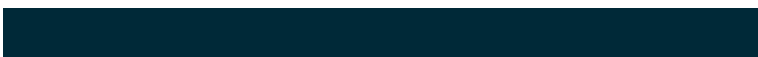
1048F1



6C7578



0087B8



002938

Inverse Universe

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



F110B6



FF00BC



F1B910



786C75



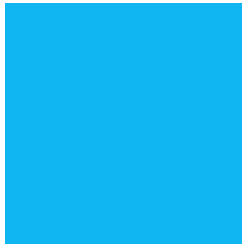
B80087



380029

Previews

White Background



This preview shows how the Hex color 10B6F1 looks on a white background.

Color Contrast Check

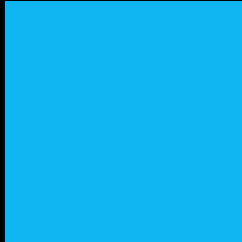
Large Text (above 18pt) WCAG AA × Fail

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 10B6F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

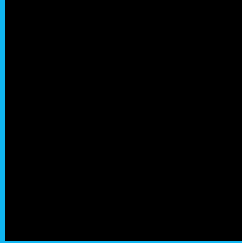
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

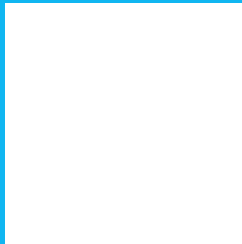
Any Text WCAG AAA ✓ Pass

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

Hex 10B6F1 Background



This preview shows how black text looks on a background with the Hex color 10B6F1.

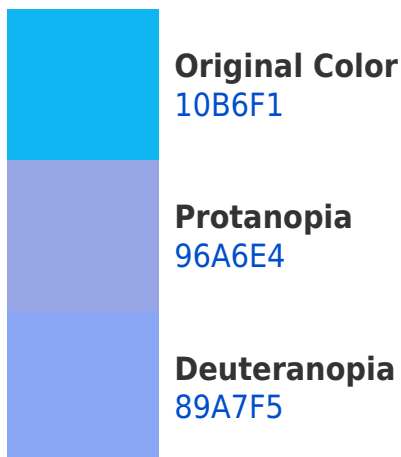


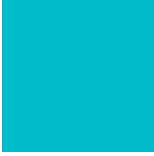
This preview shows how white text looks on a background with the Hex color 10B6F1.

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
00BBC9

Trichromacy



Original Color
10B6F1



Protanomaly
65ACE9



Deuteranomaly
5DACF4



Tritanomaly
06B9D8

Monochromacy



Original Color
10B6F1



Achromatopsia
8B8B8B



Achromatomaly
5E9BB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 10B6F1 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 #10B6F1 looks like.

```
.text, #text, p{  
    color:#10B6F1  
}
```

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 #10B6F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10B6F1
}
```

Border

The CSS property to change the border of an element to Hex 10B6F1 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
#10B6F1 }
```

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

```
.border{ border-color:#10B6F1 }
```

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

Here you see how a box with a 4 pixel #10B6F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10B6F1; -webkit-box-shadow:4px 4px  
4px 4px #10B6F1; box-shadow:4px 4px 4px  
4px #10B6F1 }
```

Background

The CSS property to change the background color of an element to Hex 10B6F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10B6F1 }
```

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

```
.background{ background-color:#10B6F1 }
```

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