

Converting Colors

Hex(11BFDD)

Have a look what the booklet for
Hex(11BFDD) contains.

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Color

Hex(11BFDD)

Conversions

Conversions Part 1

Format	Color
Hex	11BFDD
RGB	17, 191, 221
RGB Percent	7%, 75%, 87%
CMY	0.9333, 0.2510, 0.1333
CMYK	0.92, 0.14, 0.00, 0.13
HSL	189°, 86%, 47%
HSV	189°, 92%, 87%
XYZ	31.9131, 42.6012, 74.9475
YIQ	142.3940, -113.3340, -27.5580

Conversions

Conversions Part 2

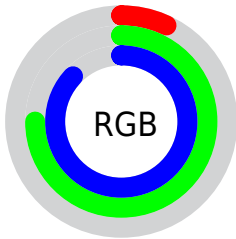
Format	Color
R _Y B	17, 111, 221
Decimal	1163229
CIE Lab	71.28, -28.70, -26.10
CIE LCh	71, 38.794, 222.282
Yxy	42.6012, 0.2135, 0.2850
Android (android.graphics.Color)	4279353309 (0xFF11BFDD)
YUV	142.3940, 38.7528, -109.9705
Hunter-Lab	65.2696, -26.9455, -22.3925

Details

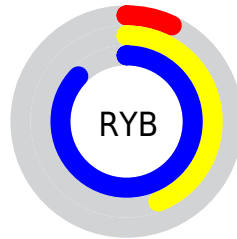
The Hex color **11BFDD** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DD2F11**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6EF8FF**, and **0089A6** is the 20% darker color. If you saturate the color by 10%, you get **00BCDD**, and if you desaturate by 10%, it is **27C2DD**.

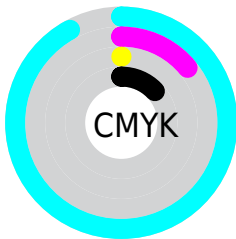
Distribution



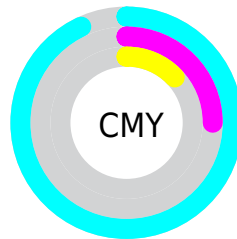
- Red (7%)
- Green (75%)
- Blue (87%)



- Red (7%)
- Yellow (44%)
- Blue (87%)



- Cyan (92%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (93%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11BFDD 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 11BFDD by changing the saturation by 10% instead.

 11BFDD

 11BFDD

FFFFFF

 00A4C1

 6EF8FF

 0089A6

 8FFFFFF

 006F8B

 AFFFFFF

 005772

 CEFFFF

 003F59

 EDFFFF

 002942

 000C2C

 000116

 000000

■ 11BFDD

■ 11BFDD

■ 00BCDD

■ 27C2DD

■ 3DC5DD

■ 53C9DD

■ 69CCDD

■ 80CFDD

■ 96D2DD

■ ACD6DD

■ C2D9DD

■ D8DCDD

Harmonies

Analogous

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



2EC2BC



11BFDD



55B8F1

Triad

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



11BFDD



E696C5



B7B168

Complementary

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



11BFDD



DD2F11

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.



D8A56B



11BFDD



F393A1

Square

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



11BFDD



C5A0E3



ED9A81



90BA79

Rectangle

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



11BFDD



7FB1F5



ED9A81



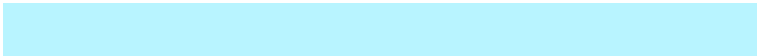
C3AD67

Sweetspot

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



11BFDD



B8F4FF



11DD2C



547980



000000



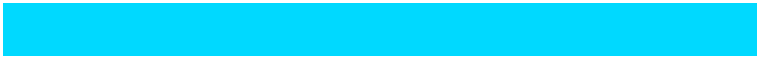
808080

Same Dimension

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



11BFDD



00D9FF



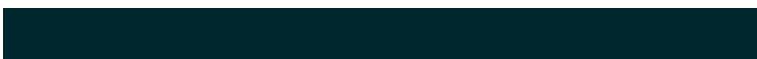
115CDD



636C6E



0094AD



00272E

Inverse Universe

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



DD11BF



FF00DA



DD9211



6E636C



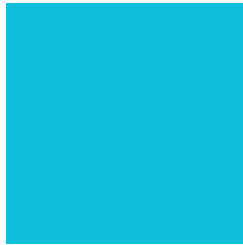
AD0094



2E0027

Previews

White Background



This preview shows how the Hex color 11BFDD looks on a white background.

Color Contrast Check

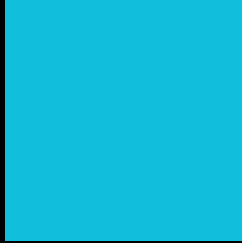
Large Text (above 18pt) WCAG AA × Fail

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 11BFDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

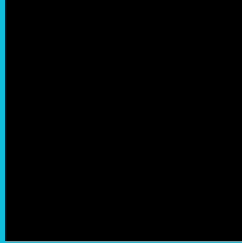
Any Text WCAG AA ✓ Pass

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 11BFDD Background



This preview shows how black text looks on a background with the Hex color 11BFDD.

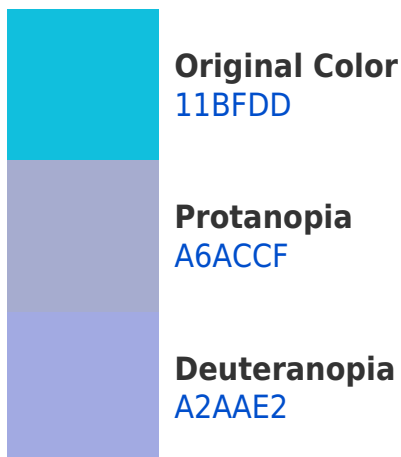


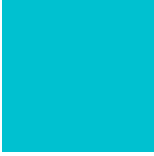
This preview shows how white text looks on a background with the Hex color 11BFDD.

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](#).

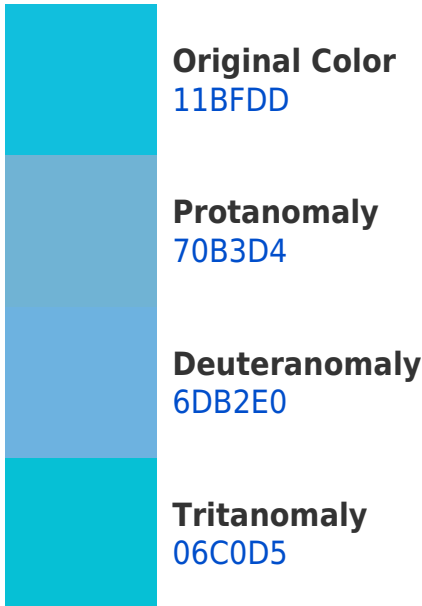
Dichromacy





Tritanopia
00C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 11BFDD 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 #11BFDD looks like.

```
.text, #text, p{  
    color:#11BFDD  
}
```

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 #11BFDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11BFDD
}
```

Border

The CSS property to change the border of an element to Hex 11BFDD 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
#11BFDD }
```

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

```
.border{ border-color:#11BFDD }
```

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

Here you see how a box with a 4 pixel #11BFDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11BFDD; -webkit-box-shadow:4px 4px  
4px 4px #11BFDD; box-shadow:4px 4px 4px  
4px #11BFDD }
```

Background

The CSS property to change the background color of an element to Hex 11BFDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11BFDD }
```

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

```
.background{ background-color:#11BFDD }
```

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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