

Converting Colors

Hex(11D9EE)

Have a look what the booklet for
Hex(11D9EE) contains.

Hex(11D9EE)	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(11D9EE)

Conversions

Conversions Part 1

Format	Color
Hex	11D9EE
RGB	17, 217, 238
RGB Percent	7%, 85%, 93%
CMY	0.9333, 0.1490, 0.0667
CMYK	0.93, 0.09, 0.00, 0.07
HSL	186°, 87%, 50%
HSV	186°, 93%, 93%
XYZ	40.4766, 55.9179, 89.5488
YIQ	159.5940, -125.9410, -35.8690

Conversions

Conversions Part 2

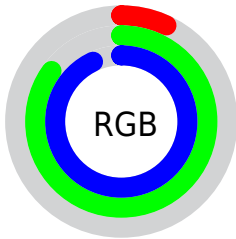
Format	Color
RYB	17, 122, 238
Decimal	1169902
CIELab	79.57, -35.75, -22.61
CIELCh	80, 42.301, 212.313
Yxy	55.9179, 0.2177, 0.3007
Android (android.graphics.Color)	4279359982 (0xFF11D9EE)
YUV	159.5940, 38.6542, -125.0549
Hunter-Lab	74.7783, -34.2420, -18.6564

Details

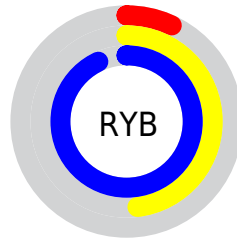
The Hex color **11D9EE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EE2611**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **74FFFF**, and **00A2B6** is the 20% darker color. If you saturate the color by 10%, you get **00D7EE**, and if you desaturate by 10%, it is **29DBEE**.

Distribution



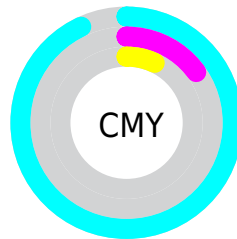
- Red (7%)
- Green (85%)
- Blue (93%)



- Red (7%)
- Yellow (48%)
- Blue (93%)



- Cyan (93%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11D9EE 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 11D9EE by changing the saturation by 10% instead.

■ 11D9EE

■ 11D9EE

FFFFFF

■ 00BDD2

■ 74FFFF

■ 00A2B6

■ 96FFFF

■ 00879B

■ B7FFFF

■ 006D81

■ D7FFFF

■ 005468

■ F7FFFF

■ 003C50

■ 002739

■ 000224

■ 00000B

■ 11D9EE

■ 11D9EE

■ 00D7EE

■ 29DBEE

■ 41DEEE

■ 58E0EE

■ 70E2EE

■ 88E4EE

■ A0E7EE

■ B8E9EE

■ CFEBEE

■ E7EDEE

Harmonies

Analogous

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



4CDAC7



11D9EE



49D3FF

Triad

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



11D9EE



F9ADEB



DCC476

Complementary

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



11D9EE



EE2611

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.



FDB680



11D9EE



FFA6C4

Square

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



11D9EE



CEBAFF



FFAA9D



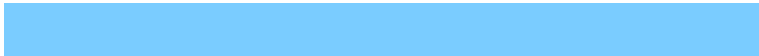
B3CF81

Rectangle

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



11D9EE



7ACCFE



FFAA9D



E8BF77

Sweetspot

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



11D9EE



B8F8FF



11EE23



547B80



000000



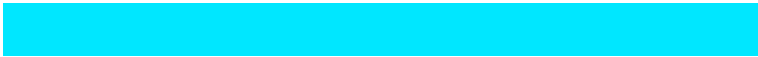
808080

Same Dimension

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



11D9EE



00E7FF



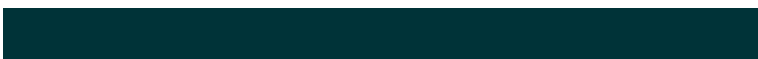
116DEE



6C7778



00A6B8



003338

Inverse Universe

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



EE11D9



FF00E7



EE9211



786C77



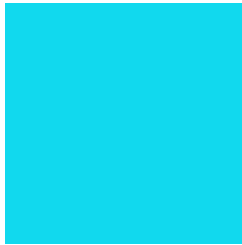
B800A6



380033

Previews

White Background



This preview shows how the Hex color 11D9EE looks on a white background.

Color Contrast Check

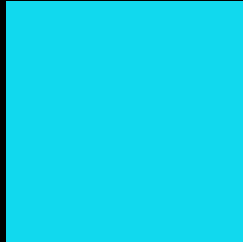
Large Text (above 18pt) WCAG AA × Fail

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 11D9EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

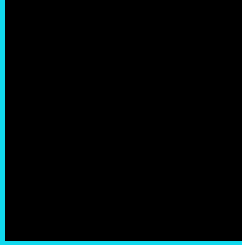
Any Text WCAG AA ✓ Pass

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 11D9EE Background



This preview shows how black text looks on a background with the Hex color 11D9EE.



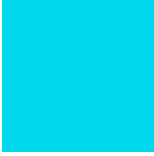
This preview shows how white text looks on a background with the Hex color 11D9EE.

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



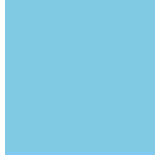


Tritanopia
00D9EB

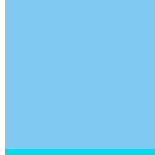
Trichromacy



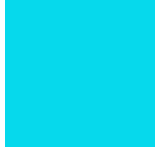
Original Color
11D9EE



Protanomaly
80CAE4



Deuteranomaly
7FC9F2



Tritanomaly
06D9EC

Monochromacy



Original Color
11D9EE



Achromatopsia
A0A0A0



Achromatomaly
6CB5BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 11D9EE 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 #11D9EE looks like.

```
.text, #text, p{  
    color:#11D9EE  
}
```

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 #11D9EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11D9EE
}
```

Border

The CSS property to change the border of an element to Hex 11D9EE 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
#11D9EE }
```

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

```
.border{ border-color:#11D9EE }
```

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

Here you see how a box with a 4 pixel #11D9EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11D9EE; -webkit-box-shadow:4px 4px  
4px 4px #11D9EE; box-shadow:4px 4px 4px  
4px #11D9EE }
```

Background

The CSS property to change the background color of an element to Hex 11D9EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11D9EE }
```

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

```
.background{ background-color:#11D9EE }
```

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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