

# Converting Colors

Hex(11DEF5)

Have a look what the booklet for  
Hex(11DEF5) contains.

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# Color

Hex(11DEF5)

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 11DEF5                        |
| RGB         | 17, 222, 245                  |
| RGB Percent | 7%, 87%, 96%                  |
| CMY         | 0.9333, 0.1294, 0.0392        |
| CMYK        | 0.93, 0.09, 0.00, 0.04        |
| HSL         | 186°, 92%, 51%                |
| HSV         | 186°, 93%, 96%                |
| XYZ         | 42.8339, 58.9543, 95.5079     |
| YIQ         | 163.3270, -129.5630, -36.3070 |

# Conversions

## Conversions Part 2

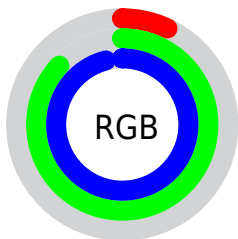
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 17, 125, 245                    |
| Decimal                             | 1171189                         |
| CIELab                              | 81.27, -35.91, -23.75           |
| CIELCh                              | 81, 43.053, 213.479             |
| Yxy                                 | 58.9543, 0.2171,<br>0.2988      |
| Android<br>(android.graphics.Color) | 4279361269<br>(0xFF11DEF5)      |
| YUV                                 | 163.3270, 40.2648,<br>-128.3288 |
| Hunter-Lab                          | 76.7817, -34.7890,<br>-20.0030  |

# Details

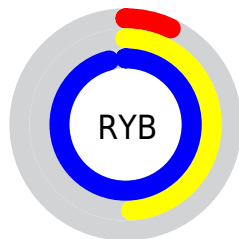
The Hex color **11DEF5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F52811**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **76FFFF**, and **00A6BD** is the 20% darker color. If you saturate the color by 10%, you get **00DCF5**, and if you desaturate by 10%, it is **2AE0F5**.

# Distribution



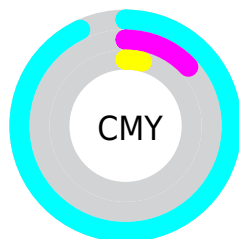
- Red (7%)
- Green (87%)
- Blue (96%)



- Red (7%)
- Yellow (49%)
- Blue (96%)



- Cyan (93%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)




- Cyan (93%)
- Magenta (13%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11DEF5 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 11DEF5 by changing the saturation by 10% instead.



 11DEF5

 11DEF5

FFFFFF

 00C2D9

 76FFFF

 00A6BD

 98FFFF

 008CA2

 B9FFFF

 007287

 D9FFFF

 00586E


 F9FFFF

 004056

 002A3E

 000B29

 000113

 11DEF5

 11DEF5

 00DCF5

 2AE0F5

 42E3F5

 5BE5F5

 73E8F5

 8BEAF5

 A4EDF5

 BDEFF5

 D5F2F5

 EE4F5

# Harmonies

## Analogous

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



4BDFCD



11DEF5



4ED8FF

# Triad

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



11DEF5



FFB0EF



E0C978

# Complementary

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



11DEF5



F52811

# 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.



FFBB83



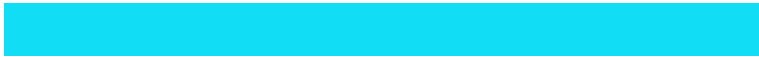
11DEF5



FFAAC7

# Square

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



11DEF5



D5BEFF



FFAF9F



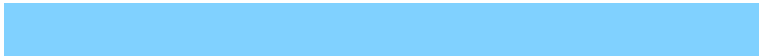
B5D585

# Rectangle

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



11DEF5



80D1FF



FFAF9F



ECC479



# Sweetspot

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



11DEF5



B8F8FF



11F528



547B80



000000



808080

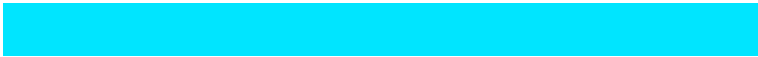


# Same Dimension

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



11DEF5



00E5FF



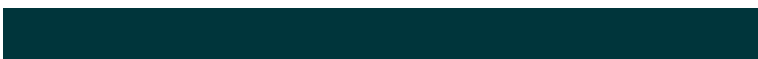
116CF5



6E797A



00A7BA



00353B



# Inverse Universe

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



F511DE



FF00E5



F59A11



7A6E79



BA00A7

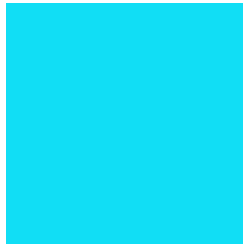


3B0035



# Previews

## White Background



This preview shows how the Hex color 11DEF5 looks on a white background.

## Color Contrast Check

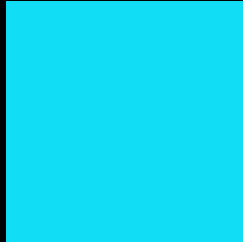
Large Text (above 18pt) WCAG AA × Fail

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 11DEF5 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 11DEF5 Background



This preview shows how black text looks on a background with the Hex color 11DEF5.

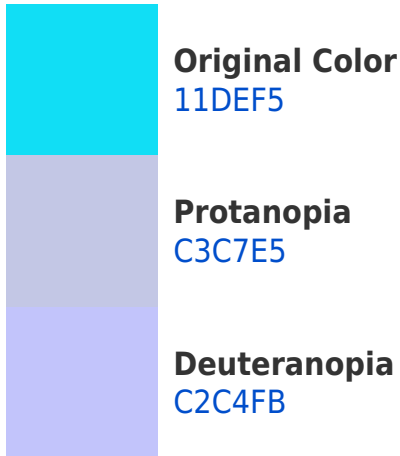


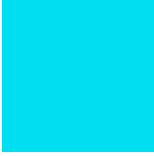
This preview shows how white text looks on a background with the Hex color 11DEF5.

# 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



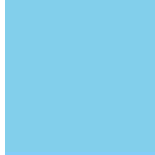


**Tritanopia**  
00DFF1

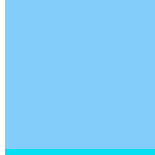
# Trichromacy



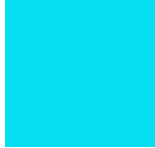
**Original Color**  
11DEF5



**Protanomaly**  
82CFEB



**Deuteranomaly**  
82CDF9



**Tritanomaly**  
06DFF2

# Monochromacy



**Original Color**  
11DEF5



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
6EB8C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11DEF5 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 #11DEF5 looks like.

```
.text, #text, p{  
    color:#11DEF5  
}
```

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 #11DEF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11DEF5  
}
```

## Border

The CSS property to change the border of an element to Hex 11DEF5 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  
#11DEF5 }
```

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

```
.border{ border-color:#11DEF5 }
```

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

Here you see how a box with a 4 pixel #11DEF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11DEF5; -webkit-box-shadow:4px 4px  
4px 4px #11DEF5; box-shadow:4px 4px 4px  
4px #11DEF5 }
```

# Background

The CSS property to change the background color of an element to Hex 11DEF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11DEF5 }
```

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

```
.background{ background-color:#11DEF5 }
```

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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