

# Converting Colors

Hex(11A3EE)

Have a look what the booklet for  
Hex(11A3EE) contains.

|  |    |
|--|----|
| <b>Hex(11A3EE)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(11A3EE)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 11A3EE                       |
| RGB         | 17, 163, 238                 |
| RGB Percent | 7%, 64%, 93%                 |
| CMY         | 0.9333, 0.3608, 0.0667       |
| CMYK        | 0.93, 0.32, 0.00, 0.07       |
| HSL         | 200°, 87%, 50%               |
| HSV         | 200°, 93%, 93%               |
| XYZ         | 28.7610, 32.4866, 85.6436    |
| YIQ         | 127.8960, -111.0910, -7.6270 |

# Conversions

## Conversions Part 2

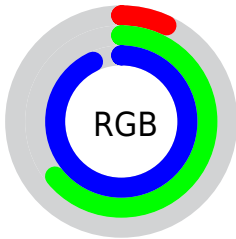
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 17, 105, 238                   |
| Decimal                             | 1156078                        |
| CIE Lab                             | 63.74, -8.04, -47.13           |
| CIE LCh                             | 64, 47.811, 260.319            |
| Yxy                                 | 32.4866, 0.1958,<br>0.2212     |
| Android<br>(android.graphics.Color) | 4279346158<br>(0xFF11A3EE)     |
| YUV                                 | 127.8960, 54.2813,<br>-97.2558 |
| Hunter-Lab                          | 56.9970, -9.6728,<br>-49.1911  |

# Details

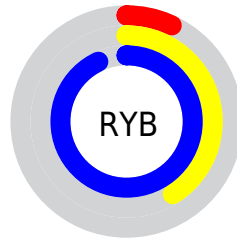
The Hex color **11A3EE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **EE5C11**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6FDAFF**, and **0070B6** is the 20% darker color. If you saturate the color by 10%, you get **009DEE**, and if you desaturate by 10%, it is **29ABEE**.

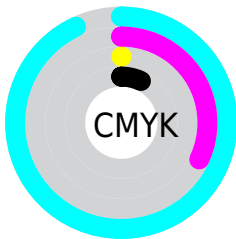
# Distribution



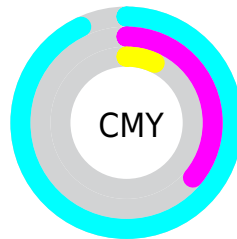
- Red (7%)
- Green (64%)
- Blue (93%)



- Red (7%)
- Yellow (41%)
- Blue (93%)



- Cyan (93%)
- Magenta (32%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (36%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11A3EE 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 11A3EE by changing the saturation by 10% instead.



 11A3EE

 11A3EE

FFFFFF

 0089D1

 6FDAFF

 0070B6

 90F6FF

 00579A

 B0FFFF

 004180

 D0FFFF


 002B67

 EFFFFFF

 00184E

 000537

 000220

 000005

■ 11A3EE

■ 11A3EE

■ 009DEE

■ 29ABEE

■ 41B3EE

■ 58BBEE

■ 70C3EE

■ 88CBEE

■ A0D3EE

■ B8DCEE

■ CFE4EE

■ E7ECEE

# Harmonies

## Analogous

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



00ACDB



11A3EE



8795EA

# Triad

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



11A3EE



EA787F



65AA62

# Complementary

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



11A3EE



EE5C11

# 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.



97A147



11A3EE



DD845A

# Square

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



11A3EE



E278AA



BF9344



00AF8B

# Rectangle

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



11A3EE



B189DC



BF9344



77A857

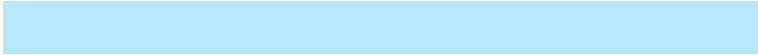


# Sweetspot

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



11A3EE



B8E7FF



11EE5B



547180



000000



808080

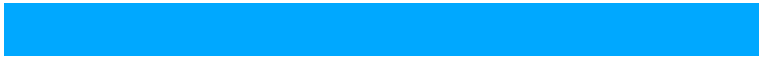


# Same Dimension

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



11A3EE



00A8FF



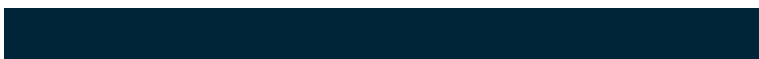
1136EE



6C7478



0079B8



002538



# Inverse Universe

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



EE11A3



FF00A8



EEC911



786C74



B80079

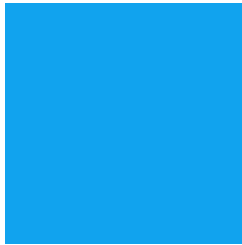


380025



# Previews

## White Background



This preview shows how the Hex color 11A3EE looks on a white background.

## Color Contrast Check

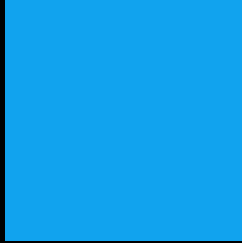
Large Text (above 18pt) WCAG AA × Fail

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 11A3EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

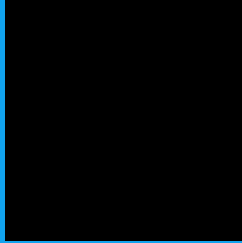
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

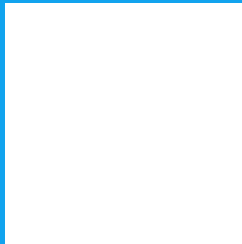
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 11A3EE Background



This preview shows how black text looks on a background with the Hex color 11A3EE.

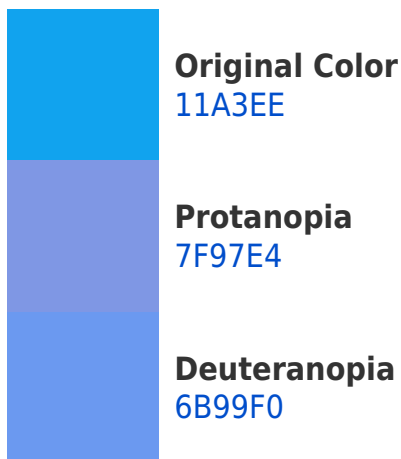


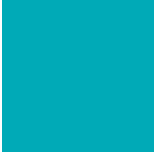
This preview shows how white text looks on a background with the Hex color 11A3EE.

# 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



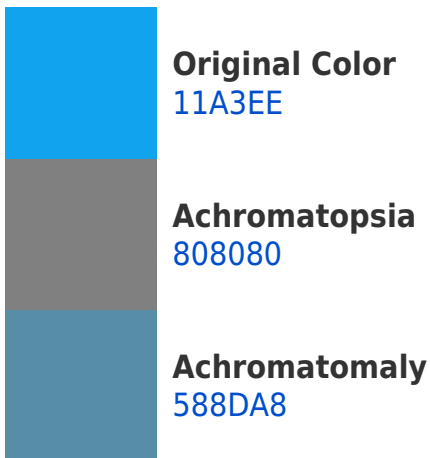


**Tritanopia**  
00AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11A3EE 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 #11A3EE looks like.

```
.text, #text, p{  
    color:#11A3EE  
}
```

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 #11A3EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11A3EE
}
```

## Border

The CSS property to change the border of an element to Hex 11A3EE 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
#11A3EE }
```

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

```
.border{ border-color:#11A3EE }
```

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

Here you see how a box with a 4 pixel #11A3EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11A3EE; -webkit-box-shadow:4px 4px  
4px 4px #11A3EE; box-shadow:4px 4px 4px  
4px #11A3EE }
```

# Background

The CSS property to change the background color of an element to Hex 11A3EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11A3EE }
```

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

```
.background{ background-color:#11A3EE }
```

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