

# Converting Colors

Hex(15E3EE)

Have a look what the booklet for  
Hex(15E3EE) contains.

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**Color**

**Hex(15E3EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15E3EE
RGB	21, 227, 238
RGB Percent	8%, 89%, 93%
CMY	0.9176, 0.1098, 0.0667
CMYK	0.91, 0.05, 0.00, 0.07
HSL	183°, 86%, 51%
HSV	183°, 91%, 93%
XYZ	43.2110, 61.2706, 90.4379
YIQ	166.6600, -126.3070, -40.2510

# Conversions

## Conversions Part 2

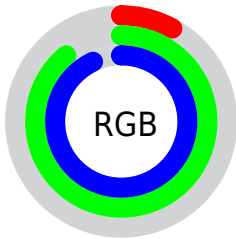
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 127, 238
Decimal	1434606
CIE <sub>Lab</sub>	82.52, -40.21, -18.13
CIE <sub>LCh</sub>	83, 44.108, 204.273
Yxy	61.2706, 0.2217, 0.3143
Android (android.graphics.Color)	4279624686 (0xFF15E3EE)
YUV	166.6600, 35.1706, -127.7438
Hunter-Lab	78.2756, -38.4438, -13.7095

# Details

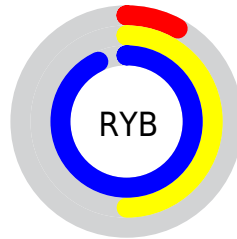
The Hex color **15E3EE** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **EE2015**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **76FFFF**, and **00ABB6** is the 20% darker color. If you saturate the color by 10%, you get **00E2EE**, and if you desaturate by 10%, it is **2DE4EE**.

# Distribution



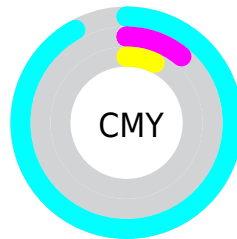
- Red (8%)
- Green (89%)
- Blue (93%)



- Red (8%)
- Yellow (50%)
- Blue (93%)



- Cyan (91%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (92%)
- Magenta (11%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15E3EE 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 15E3EE by changing the saturation by 10% instead.



 15E3EE

 15E3EE


FFFFFF

 00C7D2

 76FFFF

 00ABB6

 98FFFF

 00909B

 B9FFFF

 007681

 D9FFFF

 005C68

 F9FFFF

 004450

 002D39

 001224

 00010D

■ 15E3EE

■ 15E3EE

■ 00E2EE

■ 2DE4EE

■ 45E5EE

■ 5CE7EE

■ 74E8EE

■ 8CE9EE

■ A4EAEE

■ BCEBEE

■ D3EDEE

■ EBEEEE

# Harmonies

## Analogous

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



5EE3C4



15E3EE



32DEFF

# Triad

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



15E3EE



FAB7FE



F0C87A

# Complementary

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



15E3EE



EE2015

# 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.



FFBA8C



15E3EE



FFAED7

# Square

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



15E3EE



C7C6FF



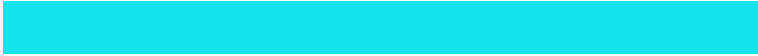
FFAFAD



C6D580

# Rectangle

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



15E3EE



69D8FF



FFAFAD



FBC37E



# Sweetspot

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



15E3EE



BAFCFF



15EE20



577D80



000000

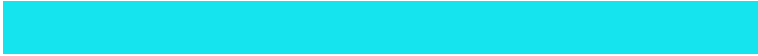


808080



# Same Dimension

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



15E3EE



00F2FF



1577EE



6C7778



00AEB8



003538



# Inverse Universe

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



EE15E3



FF00F2



EE8C15



786C77



B800AE

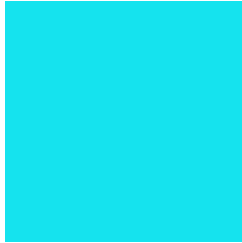


380035



# Previews

## White Background



This preview shows how the Hex color 15E3EE looks on a white background.

## Color Contrast Check

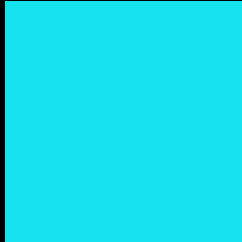
Large Text (above 18pt) WCAG AA × Fail

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 15E3EE 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 15E3EE Background



This preview shows how black text looks on a background with the Hex color 15E3EE.

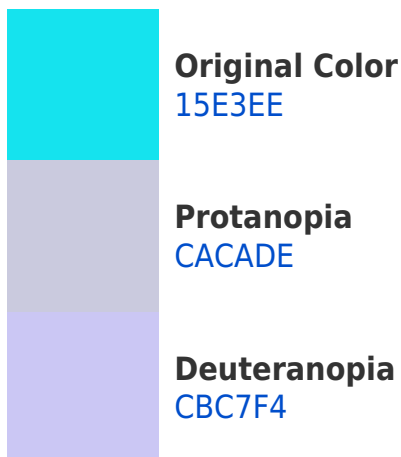


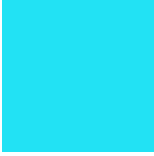
This preview shows how white text looks on a background with the Hex color 15E3EE.

# 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



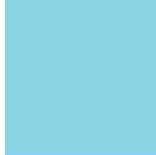


**Tritanopia**  
22E2F4

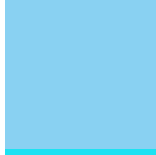
# Trichromacy



**Original Color**  
15E3EE



**Protanomaly**  
88D3E4



**Deuteranomaly**  
89D1F2

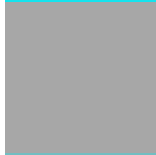


**Tritanomaly**  
1DE2F2

# Monochromacy



**Original Color**  
15E3EE



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
72BDC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15E3EE 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 #15E3EE looks like.

```
.text, #text, p{  
    color:#15E3EE  
}
```

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 #15E3EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15E3EE
}
```

## Border

The CSS property to change the border of an element to Hex 15E3EE 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
#15E3EE }
```

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

```
.border{ border-color:#15E3EE }
```

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

Here you see how a box with a 4 pixel #15E3EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15E3EE; -webkit-box-shadow:4px 4px  
4px 4px #15E3EE; box-shadow:4px 4px 4px  
4px #15E3EE }
```

# Background

The CSS property to change the background color of an element to Hex 15E3EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15E3EE }
```

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

```
.background{ background-color:#15E3EE }
```

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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