

# Converting Colors

Hex(0EEAEA)

Have a look what the booklet for  
Hex(0EEAEA) contains.

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# Color

**Hex(0EEAEA)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 0EEAEA                        |
| RGB         | 14, 234, 234                  |
| RGB Percent | 5%, 92%, 92%                  |
| CMY         | 0.9451, 0.0824, 0.0824        |
| CMYK        | 0.94, 0.00, 0.00, 0.08        |
| HSL         | 180°, 89%, 49%                |
| HSV         | 180°, 94%, 92%                |
| XYZ         | 44.4552, 64.8795, 88.0219     |
| YIQ         | 168.2200, -131.1200, -46.6400 |

# Conversions

## Conversions Part 2

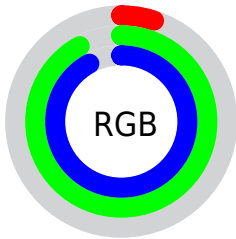
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">14, 124, 234</a>                                 |
| Decimal                             | <a href="#">977642</a>                                       |
| CIELab                              | <a href="#">84.42, -44.73, -13.17</a>                        |
| CIELCh                              | <a href="#">84, 46.632, 196.406</a>                          |
| Yxy                                 | <a href="#">64.8795, 0.2253, 0.3287</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4279167722</a><br>( <a href="#">0xFF0EEAEA</a> ) |
| YUV                                 | <a href="#">168.2200, 32.4295, -135.2509</a>                 |
| Hunter-Lab                          | <a href="#">80.5478, -42.4426, -8.4081</a>                   |

# Details

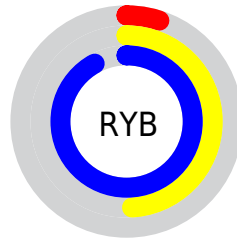
The Hex color **0EEAEA** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **EA0E0E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **75FFFF**, and **00B1B2** is the 20% darker color. If you saturate the color by 10%, you get **00EAEA**, and if you desaturate by 10%, it is **25EAEA**.

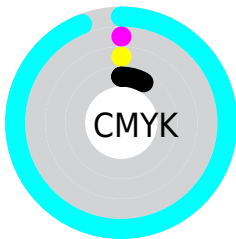
# Distribution



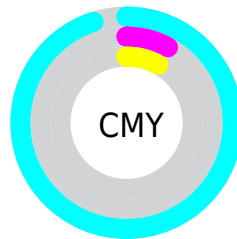
- Red (5%)
- Green (92%)
- Blue (92%)



- Red (5%)
- Yellow (49%)
- Blue (92%)



- Cyan (94%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (95%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EEAEA 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 0EEAEA by changing the saturation by 10% instead.



 0EEAEA

 0EEAEA

FFFFFF

 00CDCE

 75FFFF

 00B1B2

 98FFFF

 009698

 B9FFFF

 007C7E

 D9FFFF

 006265

 F9FFFF

 00494D

 003236

 001921

 000009

0EEAEA

0EEAEA

00EAEA

25EAEA

3DEAEA

54EAEA

6CEAEA

83EAEA

9AEAEA

B2EAEA

C9EAEA

E1EAEA

# Harmonies

## Analogous

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



6BE9BD



0EEAEA



00E6FF

# Triad

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



0EEAEA



F6BEFF



FFC97D

# Complementary

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



0EEAEA



EA0E0E

# 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.



FFBA95



0EEAEA



FFB2E9

# Square

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



0EEAEA



B9CFFF



FFB1BC



D7D87D

# Rectangle

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



0EEAEA



4BE1FF



FFB1BC



FFC483



# Sweetspot

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



0EEAEA



B8FFFF



0EEA0E



548080



000000



808080



# Same Dimension

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



0EEAEA



00FFFF



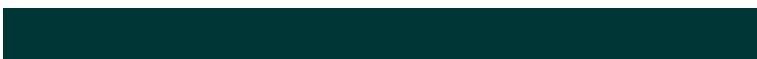
0E7CEA



6A7575



00B5B5



003636



# Inverse Universe

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



EA0EEA



FF00FF



EA7C0E



756A75



B500B5

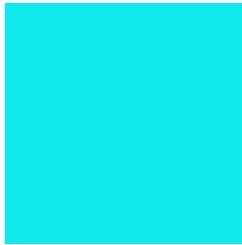


360036



# Previews

## White Background



This preview shows how the Hex color 0EEAEA looks on a white background.

## Color Contrast Check

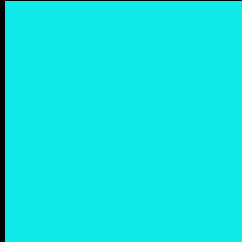
Large Text (above 18pt) WCAG AA × Fail

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 0EEAEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

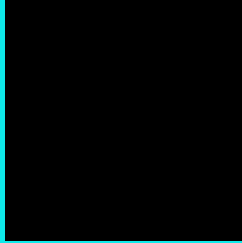
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0EEAEA Background



This preview shows how black text looks on a background with the Hex color 0EEAEA.

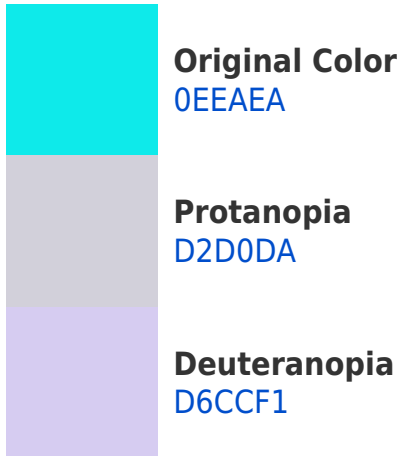


This preview shows how white text looks on a background with the Hex color 0EEAEA.

# 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



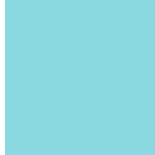


**Tritanopia**  
2CE7FA

# Trichromacy



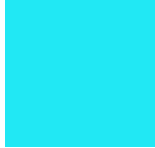
**Original Color**  
0EEAEA



**Protanomaly**  
8BD9E0



**Deuteranomaly**  
8DD7EE

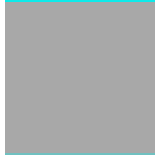


**Tritanomaly**  
21E8F4

# Monochromacy



**Original Color**  
0EEAEA



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
70C0C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EEAEA 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 #0EEAEA looks like.

```
.text, #text, p{  
    color:#0EEAEA  
}
```

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 #0EEAEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EEAEA
}
```

## Border

The CSS property to change the border of an element to Hex 0EEAEA 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
#0EEAEA }
```

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

```
.border{ border-color:#0EEAEA }
```

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

Here you see how a box with a 4 pixel #0EEAEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EEAEA; -webkit-box-shadow:4px 4px  
4px 4px #0EEAEA; box-shadow:4px 4px 4px  
4px #0EEAEA }
```

# Background

The CSS property to change the background color of an element to Hex 0EEAEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EEAEA }
```

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

```
.background{ background-color:#0EEAEA }
```

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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