

# Converting Colors

Hex(30E9EA)

Have a look what the booklet for  
Hex(30E9EA) contains.

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# **Color**

**Hex(30E9EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30E9EA
RGB	48, 233, 234
RGB Percent	19%, 91%, 92%
CMY	0.8118, 0.0863, 0.0824
CMYK	0.79, 0.00, 0.00, 0.08
HSL	180°, 82%, 55%
HSV	180°, 79%, 92%
XYZ	45.2091, 64.8467, 87.9758
YIQ	177.7990, -110.5810, -38.9090

# Conversions

## Conversions Part 2

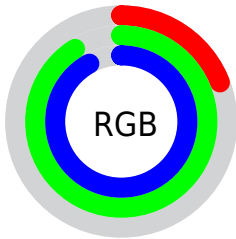
Format	Color
<a href="#">RYB</a>	<a href="#">48, 141, 234</a>
Decimal	<a href="#">3205610</a>
CIELab	<a href="#">84.40, -42.48, -13.17</a>
CIELCh	<a href="#">84, 44.472, 197.223</a>
Yxy	<a href="#">64.8467, 0.2283, 0.3275</a>
Android (android.graphics.Color)	<a href="#">4281395690</a> ( <a href="#">0xFF30E9EA</a> )
YUV	<a href="#">177.7990, 27.7071, -113.8337</a>
Hunter-Lab	<a href="#">80.5275, -40.7109, -8.4048</a>

# Details

The Hex color **30E9EA** 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 **EA3130**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **80FFFF**, and **00B1B2** is the 20% darker color. If you saturate the color by 10%, you get **19E9EA**, and if you desaturate by 10%, it is **47E9EA**.

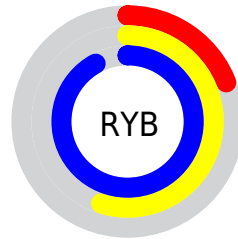
# Distribution



Red (19%)

Green (91%)

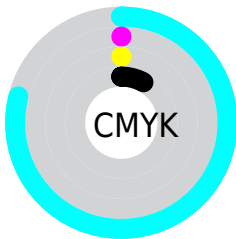
Blue (92%)



Red (19%)

Yellow (55%)

Blue (92%)

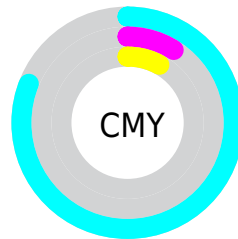


Cyan (79%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (81%)

Magenta (9%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30E9EA 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 30E9EA by changing the saturation by 10% instead.



 30E9EA

 30E9EA

FFFFFF

 00CCCE

 80FFFF

 00B1B2

 A1FFFF

 009598

 C1FFFF

 007B7E

 E1FFFF

 006165

 00484D

 003136

 001921

 000009

 30E9EA

 30E9EA

 19E9EA

 47E9EA

 01E9EA

 5FE9EA

 00E9EA

 76E9EA

 8EEAEA

 A5EAEA

 BCEAEA

 D4EAEA

 EBEAEA

 FFEAEA

# Harmonies

## Analogous

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



70E8BF



30E9EA



26E5FF

# Triad

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



30E9EA



F5BFFF



FECA81

# Complementary

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



30E9EA



EA3130

# 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.



FFBC97



30E9EA



FFB4E6

# Square

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



30E9EA



BDCEFF



FFB3BC



D6D881

# Rectangle

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



30E9EA



5BE0FF



FFB3BC



FFC586



# Sweetspot

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



30E9EA



C2FFFF



30EA30



5B7F80



000000



808080



# Same Dimension

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



30E9EA



0DFEFF



308DEA



6A7575



00B4B5



003536



# Inverse Universe

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



EA30E9



FF0DFE



EA8D30



756A75



B500B4

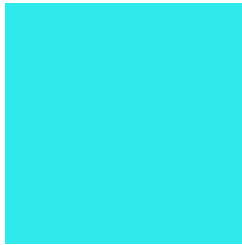


360035



# Previews

## White Background



This preview shows how the Hex color 30E9EA looks on a white background.

## Color Contrast Check

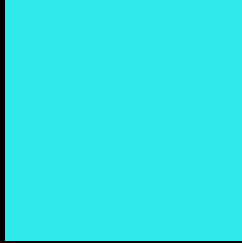
Large Text (above 18pt) WCAG AA × Fail

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 30E9EA 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 30E9EA Background



This preview shows how black text looks on a background with the Hex color 30E9EA.



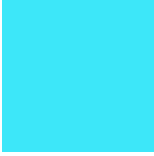
This preview shows how white text looks on a background with the Hex color 30E9EA.

# 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**  
3DE7F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30E9EA 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 #30E9EA looks like.

```
.text, #text, p{  
    color:#30E9EA  
}
```

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 #30E9EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30E9EA
}
```

## Border

The CSS property to change the border of an element to Hex 30E9EA 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
#30E9EA }
```

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

```
.border{ border-color:#30E9EA }
```

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

Here you see how a box with a 4 pixel #30E9EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30E9EA; -webkit-box-shadow:4px 4px  
4px 4px #30E9EA; box-shadow:4px 4px 4px  
4px #30E9EA }
```

# Background

The CSS property to change the background color of an element to Hex 30E9EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30E9EA }
```

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

```
.background{ background-color:#30E9EA }
```

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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