

# Converting Colors

Hex(37E1EA)

Have a look what the booklet for  
Hex(37E1EA) contains.

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# Color

**Hex(37E1EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37E1EA
RGB	55, 225, 234
RGB Percent	22%, 88%, 92%
CMY	0.7843, 0.1176, 0.0824
CMYK	0.76, 0.04, 0.00, 0.08
HSL	183°, 81%, 57%
HSV	183°, 76%, 92%
XYZ	43.3520, 60.6032, 87.2546
YIQ	175.1960, -104.2090, -33.2410

# Conversions

## Conversions Part 2

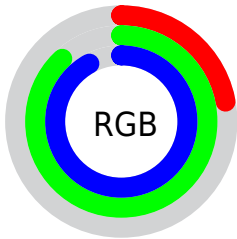
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 142, 234
Decimal	3662314
CIELab	82.16, -38.24, -16.52
CIElCh	82, 41.658, 203.362
Yxy	60.6032, 0.2267, 0.3169
Android (android.graphics.Color)	4281852394 (0xFF37E1EA)
YUV	175.1960, 28.9904, -105.4119
Hunter-Lab	77.8480, -36.8309, -11.9605

# Details

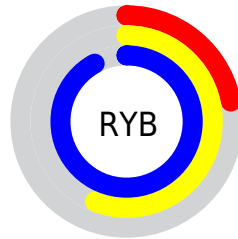
The Hex color **37E1EA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EA4037**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **83FFFF**, and **00A9B2** is the 20% darker color. If you saturate the color by 10%, you get **20E0EA**, and if you desaturate by 10%, it is **4EE2EA**.

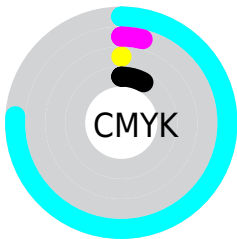
# Distribution



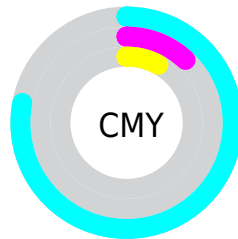
- Red (22%)
- Green (88%)
- Blue (92%)



- Red (22%)
- Yellow (56%)
- Blue (92%)



- Cyan (76%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (78%)
- Magenta (12%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37E1EA 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 37E1EA by changing the saturation by 10% instead.



 37E1EA

 37E1EA

FFFFFF

 00C5CE

 83FFFF

 00A9B2

 A3FFFF

 008E98

 C3FFFF

 00747E

 E3FFFF

 005B65

 00424D

 002C36

 001021

 000007

 37E1EA

 37E1EA

 20E0EA

 4EE2EA

 08DFEA

 66E3EA

 00DEEA

 7DE5EA

 95E6EA

 ACE7EA

 C3E8EA

 DBE9EA

 F2EAEA

 FFECEA

# Harmonies

## Analogous

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



68E1C2



37E1EA



45DCFF

# Triad

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



37E1EA



F5B8FB



EEC77E

# Complementary

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



37E1EA



EA4037

# 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.



FFBA8F



37E1EA



FFAFD7

# Square

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



37E1EA



C5C5FF



FFB0AF



C7D383

# Rectangle

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



37E1EA



70D7FF



FFB0AF



F9C282



# Sweetspot

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



37E1EA



C4FCFF



37EA40



5C7E80



000000



808080



# Same Dimension

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



37E1EA



14F3FF



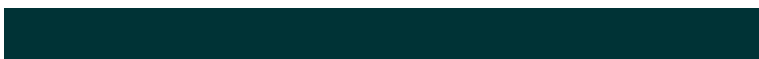
3788EA



6A7575



00ACB5



003336



# Inverse Universe

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



EA37E1



FF14F3



EA9937



756A75



B500AC

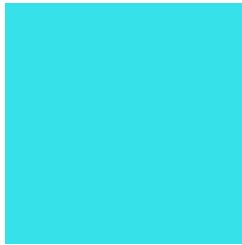


360033



# Previews

## White Background



This preview shows how the Hex color 37E1EA looks on a white background.

## Color Contrast Check

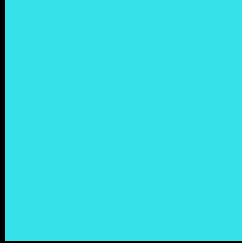
Large Text (above 18pt) WCAG AA × Fail

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 37E1EA 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 37E1EA Background



This preview shows how black text looks on a background with the Hex color 37E1EA.

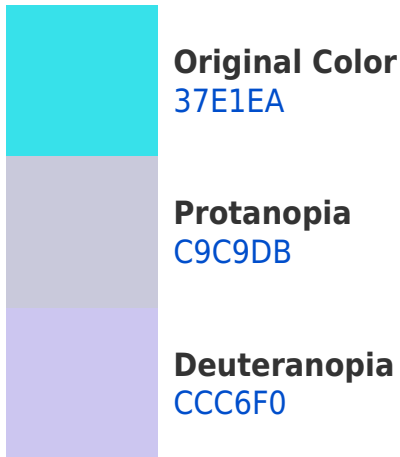


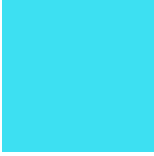
This preview shows how white text looks on a background with the Hex color 37E1EA.

# 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**  
3DE0F2

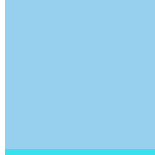
# Trichromacy



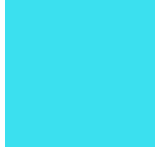
**Original Color**  
37E1EA



**Protanomaly**  
94D2E0



**Deuteranomaly**  
96D0EE

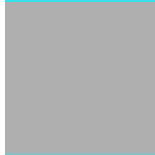


**Tritanomaly**  
3BE0EF

# Monochromacy



**Original Color**  
37E1EA



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
83C1C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37E1EA 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 #37E1EA looks like.

```
.text, #text, p{  
    color:#37E1EA  
}
```

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 #37E1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37E1EA
}
```

## Border

The CSS property to change the border of an element to Hex 37E1EA 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
#37E1EA }
```

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

```
.border{ border-color:#37E1EA }
```

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

Here you see how a box with a 4 pixel #37E1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37E1EA; -webkit-box-shadow:4px 4px  
4px 4px #37E1EA; box-shadow:4px 4px 4px  
4px #37E1EA }
```

# Background

The CSS property to change the background color of an element to Hex 37E1EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37E1EA }
```

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

```
.background{ background-color:#37E1EA }
```

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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