

# Converting Colors

Hex(3CE7F1)

Have a look what the booklet for  
Hex(3CE7F1) contains.

<b>Hex(3CE7F1)</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(3CE7F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CE7F1
RGB	60, 231, 241
RGB Percent	24%, 91%, 95%
CMY	0.7647, 0.0941, 0.0549
CMYK	0.75, 0.04, 0.00, 0.05
HSL	183°, 87%, 59%
HSV	183°, 75%, 95%
XYZ	46.3166, 64.4634, 93.2206
YIQ	181.0110, -105.1260, -33.1420

# Conversions

## Conversions Part 2

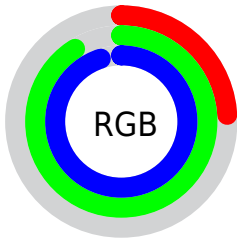
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 148, 241
Decimal	3991537
CIELab	84.21, -38.46, -17.14
CIELCh	84, 42.109, 204.019
Yxy	64.4634, 0.2270, 0.3160
Android (android.graphics.Color)	4282181617 (0xFF3CE7F1)
YUV	181.0110, 29.5746, -106.1266
Hunter-Lab	80.2891, -37.5341, -12.6370

# Details

The Hex color **3CE7F1** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F1463C**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **87FFFF**, and **00AFB9** is the 20% darker color. If you saturate the color by 10%, you get **24E6F1**, and if you desaturate by 10%, it is **54E8F1**.

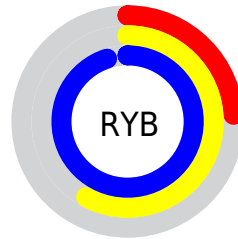
# Distribution



Red (24%)

Green (91%)

Blue (95%)



Red (24%)

Yellow (58%)

Blue (95%)

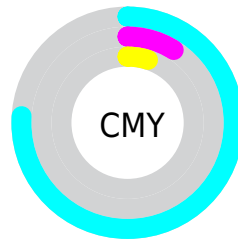


Cyan (75%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (76%)

Magenta (9%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CE7F1 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 3CE7F1 by changing the saturation by 10% instead.



 3CE7F1

 3CE7F1

FFFFFF

 00CBD5

 87FFFF

 00AFB9

 A8FFFF

 00949E

 C7FFFF

 007984

 E7FFFF

 00606B

 004753

 00303B

 001926

 000110

 3CE7F1

 3CE7F1

 24E6F1

 54E8F1

 0CE4F1

 6CEAF1

 00E4F1

 84EBF1

 9CECF1

 B5EEF1

 CDEFF1

 E5F0F1

 FDF2F1

 FFF3F1

# Harmonies

## Analogous

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



6BE7C8



3CE7F1



4CE2FF

# Triad

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



3CE7F1



FDBDFE



F4CD83

# Complementary

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



3CE7F1



F1463C

# 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.



FFBF93



3CE7F1



FFB4DC

# Square

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



3CE7F1



CCCBFF



FFB5B4



CCD988

# Rectangle

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



3CE7F1



76DCFF



FFB5B4



FFC886



# Sweetspot

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



3CE7F1



C4FCFF



3CF145



5C7E80



000000



808080



# Same Dimension

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



3CE7F1



19F2FF



3C8DF1



6C7778



00ADB8



003538



# Inverse Universe

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



F13CE7



FF19F2



F1A03C



786C77



B800AD

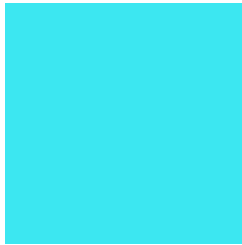


380035



# Previews

## White Background



This preview shows how the Hex color 3CE7F1 looks on a white background.

## Color Contrast Check

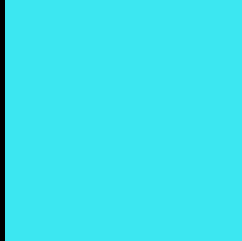
Large Text (above 18pt) WCAG AA × Fail

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 3CE7F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

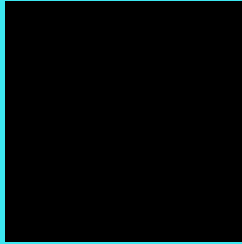
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CE7F1 Background



This preview shows how black text looks on a background with the Hex color 3CE7F1.

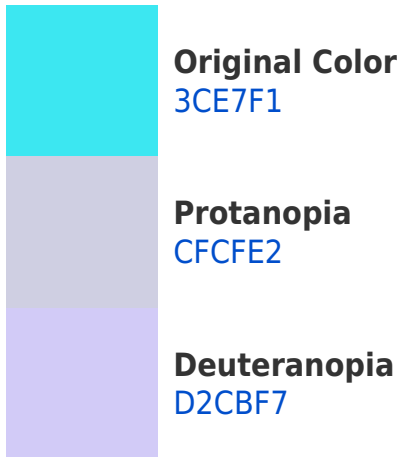


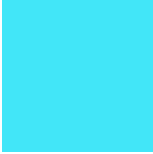
This preview shows how white text looks on a background with the Hex color 3CE7F1.

# 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



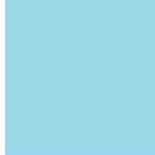


**Tritanopia**  
42E6F8

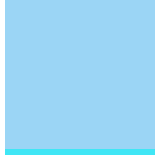
# Trichromacy



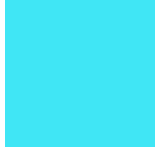
**Original Color**  
3CE7F1



**Protanomaly**  
9AD8E7



**Deuteranomaly**  
9BD5F5

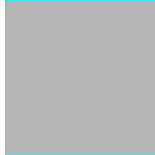


**Tritanomaly**  
40E6F5

# Monochromacy



**Original Color**  
3CE7F1



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
89C7CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CE7F1 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 #3CE7F1 looks like.

```
.text, #text, p{  
    color:#3CE7F1  
}
```

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 #3CE7F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CE7F1
}
```

## Border

The CSS property to change the border of an element to Hex 3CE7F1 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
#3CE7F1 }
```

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

```
.border{ border-color:#3CE7F1 }
```

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

Here you see how a box with a 4 pixel #3CE7F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CE7F1; -webkit-box-shadow:4px 4px  
4px 4px #3CE7F1; box-shadow:4px 4px 4px  
4px #3CE7F1 }
```

# Background

The CSS property to change the background color of an element to Hex 3CE7F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CE7F1 }
```

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

```
.background{ background-color:#3CE7F1 }
```

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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