

# Converting Colors

Hex(3BCFDA)

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

<b>Hex(3BCFDA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3BCFDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BCFDA
RGB	59, 207, 218
RGB Percent	23%, 81%, 85%
CMY	0.7686, 0.1882, 0.1451
CMYK	0.73, 0.05, 0.00, 0.15
HSL	184°, 68%, 54%
HSV	184°, 73%, 85%
XYZ	36.7713, 50.6174, 74.1618
YIQ	164.0020, -91.7390, -27.9550

# Conversions

## Conversions Part 2

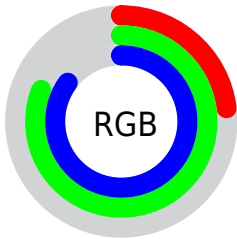
Format	Color
<code>RYB</code>	<code>59, 136, 218</code>
Decimal	<code>3919834</code>
CIELab	<code>76.45, -34.15, -16.58</code>
CIELCh	<code>76, 37.960, 205.896</code>
Yxy	<code>50.6174, 0.2276, 0.3133</code>
Android ( <code>android.graphics.Color</code> )	<code>4282109914 (0xFF3BCFDA)</code>
YUV	<code>164.0020, 26.6210, -92.0868</code>
Hunter-Lab	<code>71.1459, -32.2487, -12.0011</code>

# Details

The Hex color **3BCFDA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA463B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **81FFFF**, and **0098A3** is the 20% darker color. If you saturate the color by 10%, you get **25CDDA**, and if you desaturate by 10%, it is **51D1DA**.

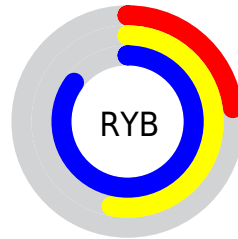
# Distribution



Red (23%)

Green (81%)

Blue (85%)



Red (23%)

Yellow (53%)

Blue (85%)

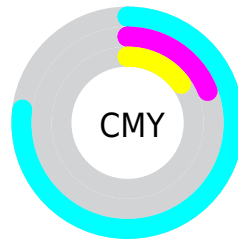


Cyan (73%)

Magenta (5%)

Yellow (0%)

Black (15%)



Cyan (77%)

Magenta (19%)

Yellow (15%)

# Brightness & Saturation Gradients

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



 3BCFDA

 3BCFDA

FFFFFF

 00B3BE

 81FFFF

 0098A3

 A1FFFF

 007E89

 C0FFFF

 00646F

 DFFFFF

 004C57

FEFFFF

 003440

 00202A

 000115

 000000

 3BCFDA

 3BCFDA

 25CDDA

 51D1DA

 0FCCDA

 67D2DA

 00CBDA

 7CD4DA

 92D5DA

 A8D7DA

 BED8DA

 D4DADA

 E9DBDA

 FFDDDA

# Harmonies

## Analogous

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



60CFB6



3BCFDA



4CCAF6

# Triad

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



3BCFDA



E4A9E4



D9B976

# Complementary

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



3BCFDA



DA463B

# 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.



F4AD84



3BCFDA



FDA2C3

# Square

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



3BCFDA



BAB5FC



FFA4A0



B5C47C

# Rectangle

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



3BCFDA



70C5FF



FFA4A0



E3B579



# Sweetspot

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



3BCFDA



C7FBFF



3BDA46



5E7D80



000000



808080



# Same Dimension

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



3BCFDA



1FEFFF



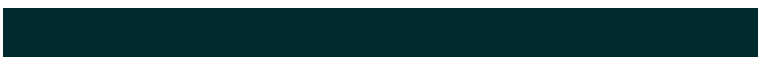
3B80DA



636D6E



00A1AD



002B2E



# Inverse Universe

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



DA3BCF



FF1FEF



DA953B



6E636D



AD00A1

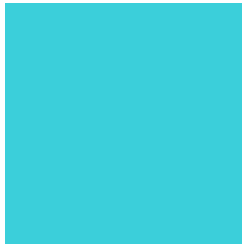


2E002B



# Previews

## White Background



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

## Color Contrast Check

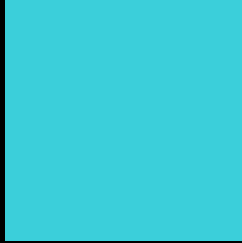
Large Text (above 18pt) WCAG AA × Fail

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 3BCFDA 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 3BCFDA Background



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

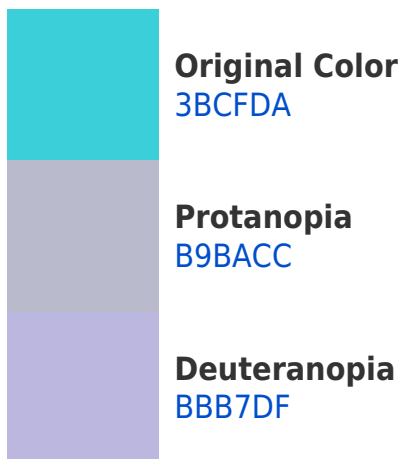


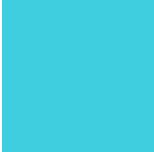
This preview shows how white text looks on a background with the Hex color 3BCFDA.

# 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





# Trichromacy



**Original Color**  
3BCFDA



**Protanomaly**  
8BC2D1



**Deuteranomaly**  
8CC0DD

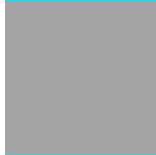


**Tritanomaly**  
3DCEDD

# Monochromacy



**Original Color**  
3BCFDA



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
7EB4B8

# CSS Examples

## Text

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

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

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 #3BCFDA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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