

# Converting Colors

Hex(3CBFB8)

Have a look what the booklet for  
Hex(3CBFB8) contains.

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**Color**

**Hex(3CBFB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CBFB8
RGB	60, 191, 184
RGB Percent	24%, 75%, 72%
CMY	0.7647, 0.2510, 0.2784
CMYK	0.69, 0.00, 0.04, 0.25
HSL	177°, 52%, 49%
HSV	177°, 69%, 75%
XYZ	29.1460, 41.6830, 51.8569
YIQ	151.0330, -75.8290, -29.9490

# Conversions

## Conversions Part 2

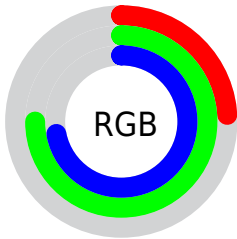
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 127, 191
Decimal	3981240
CIELab	70.65, -36.33, -6.79
CIELCh	71, 36.957, 190.583
Yxy	41.6830, 0.2376, 0.3398
Android (android.graphics.Color)	4282171320 (0xFF3CBFB8)
YUV	151.0330, 16.2527, -79.8359
Hunter-Lab	64.5623, -32.4021, -2.4285

# Details

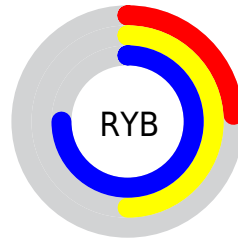
The Hex color **3CBFB8** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF3C43**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7DF8F0**, and **008983** is the 20% darker color. If you saturate the color by 10%, you get **29BFB7**, and if you desaturate by 10%, it is **4FBFB9**.

# Distribution



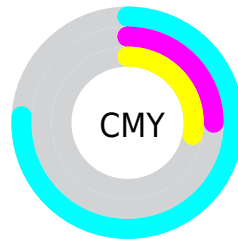
- Red (24%)
- Green (75%)
- Blue (72%)



- Red (24%)
- Yellow (50%)
- Blue (75%)



- Cyan (69%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (76%)
- Magenta (25%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CBFB8 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 3CBFB8 by changing the saturation by 10% instead.





3CBFB8



3CBFB8

FFFFFF



03A49D



7DF8F0



008983



9BFFFF



006F6A



B9FFFF



005652



D7FFFF



003E3B



F6FFFF



002825



000511



000000



3CBFB8



3CBFB8

■ 29BFB7

■ 4BFB9

■ 16BFB6

■ 62BFBA

■ 03BFB5

■ 75BFBB

■ 00BFB5

■ 88BFBC

■ 9CBFBD

■ AFBFBE

■ C2BFBF

■ D5BFCE

■ E8BFCE

# Harmonies

## Analogous

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



69BD95



3CBFB8



28BDD7

# Triad

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



3CBFB8



C0A0E0



D6A36E

# Complementary

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



3CBFB8



BF3C43

# 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.



EA9883



3CBFB8



E196C4

# Square

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



3CBFB8



90ACEF



EE93A2



B7AF6A

# Rectangle

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



3CBFB8



44B9E7



EE93A2



DE9F73

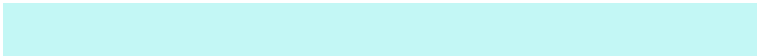


# Sweetspot

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



3CBFB8



C3F7F5



45BF3C



5E7D7B



FCFCFC



7D7D7D



# Same Dimension

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



3CBFB8



2DF7ED



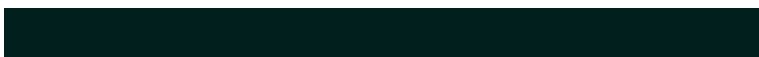
3C86BF



555E5E



009E96



001F1D



# Inverse Universe

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



BF3C43



F72D37



BF753C



5E5555



9E0008

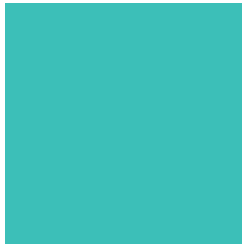


1F0002



# Previews

## White Background



This preview shows how the Hex color 3CBFB8 looks on a white background.

## Color Contrast Check

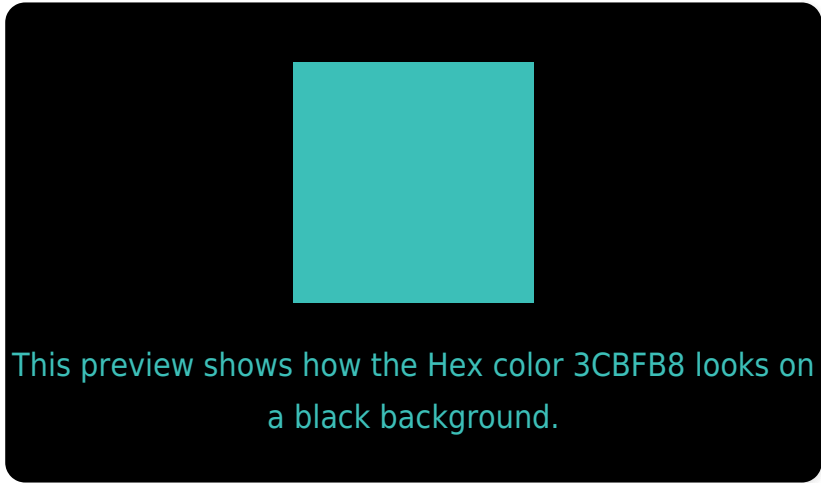
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

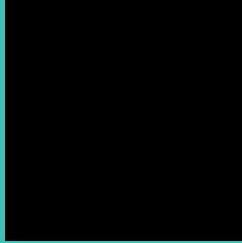
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

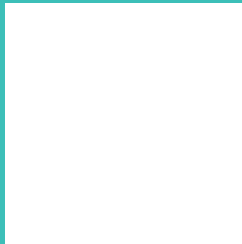
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3CBFB8 Background



This preview shows how black text looks on a background with the Hex color 3CBFB8.

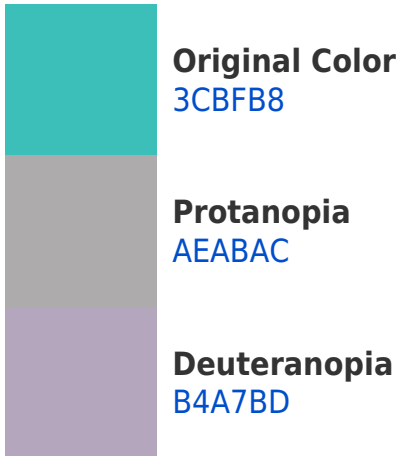


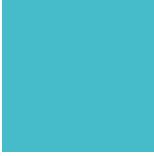
This preview shows how white text looks on a background with the Hex color 3CBFB8.

# 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**  
46BCCB

# Trichromacy



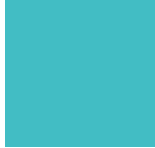
**Original Color**  
3CBFB8



**Protanomaly**  
85B2B0



**Deuteranomaly**  
88B0BB



**Tritanomaly**  
42BDC4

# Monochromacy



**Original Color**  
3CBFB8



**Achromatopsia**  
979797



**Achromatomaly**  
76A6A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CBFB8 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 #3CBFB8 looks like.

```
.text, #text, p{  
    color:#3CBFB8  
}
```

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 #3CBFB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CBFB8
}
```

## Border

The CSS property to change the border of an element to Hex 3CBFB8 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
#3CBFB8 }
```

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

```
.border{ border-color:#3CBFB8 }
```

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

Here you see how a box with a 4 pixel #3CBFB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CBFB8; -webkit-box-shadow:4px 4px  
4px 4px #3CBFB8; box-shadow:4px 4px 4px  
4px #3CBFB8 }
```

# Background

The CSS property to change the background color of an element to Hex 3CBFB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CBFB8 }
```

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

```
.background{ background-color:#3CBFB8 }
```

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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