

# Converting Colors

Hex(3BDFB1)

Have a look what the booklet for  
Hex(3BDFB1) contains.

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**Color**

**Hex(3BDFB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BDFB1
RGB	59, 223, 177
RGB Percent	23%, 87%, 69%
CMY	0.7686, 0.1255, 0.3059
CMYK	0.74, 0.00, 0.21, 0.13
HSL	163°, 72%, 55%
HSV	163°, 74%, 87%
XYZ	36.1271, 56.8795, 50.6697
YIQ	168.7200, -82.9780, -49.0740

# Conversions

## Conversions Part 2

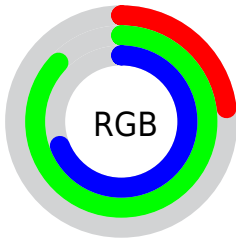
Format	Color
<a href="#">RYB</a>	<a href="#">59, 154, 223</a>
Decimal	<a href="#">3923889</a>
CIELab	<a href="#">80.11, -52.09, 10.72</a>
CIELCh	<a href="#">80, 53.179, 168.366</a>
Yxy	<a href="#">56.8795, 0.2514, 0.3959</a>
Android (android.graphics.Color)	<a href="#">4282113969</a> ( <a href="#">0xFF3BDFB1</a> )
YUV	<a href="#">168.7200, 4.0820, -96.2244</a>
Hunter-Lab	<a href="#">75.4185, -46.4769, 12.9591</a>

# Details

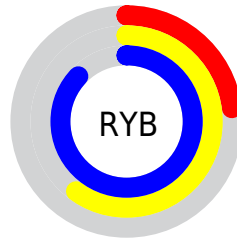
The Hex color **3BDFB1** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DF3B69**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **81FFE9**, and **00A77C** is the 20% darker color. If you saturate the color by 10%, you get **25DFAB**, and if you desaturate by 10%, it is **51DFB7**.

# Distribution



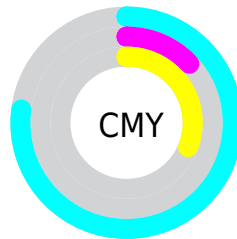
- Red (23%)
- Green (87%)
- Blue (69%)



- Red (23%)
- Yellow (60%)
- Blue (87%)



- Cyan (74%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (77%)
- Magenta (13%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BDFB1 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 3BDFB1 by changing the saturation by 10% instead.



 3BDFB1

 3BDFB1

FFFFFF

 00C396

 81FFE9

 00A77C

 A0FFFF

 008C63

 BFFFFFF

 00714C

 DEFFFF

 005735

 FCFFFF

 003F1F

 002809

 000100

 000000

 3BDFB1

 3BDFB1

 25DFAB

 51DFB7

 0EDFA4

 68DFBE

 00DFA0

 7EDFC4

 94DFCA

 ABDFD0

 C1DFD7

 D7DFDD

 EDDFE3

 FFDFE9

# Harmonies

## Analogous

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



8ED982



3BDFB1



00E0E4

# Triad

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



3BDFB1



ACC1FF



FFAB7E

# Complementary

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



3BDFB1



DF3B69

# 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.



FF9FAA



3BDFB1



F1AEFF

# Square

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



3BDFB1



3BD2FF



FFA0DC



F6BD64

# Rectangle

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



3BDFB1



00DEFF



FFA0DC



FFA68C

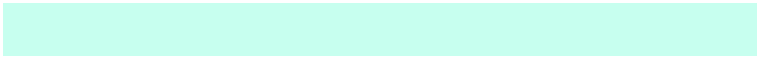


# Sweetspot

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



3BDFB1



C7FFEF



69DF3B



5E8076



000000



808080



# Same Dimension

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



3BDFB1



1FFFC0



3BBBDF



65706D



00B07F



003023



# Inverse Universe

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



DF3B69



FF1F5E



DF5F3B



706568



B00031

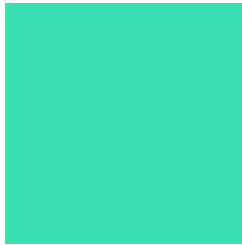


30000E



# Previews

## White Background



This preview shows how the Hex color 3BDFB1 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 3BDFB1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

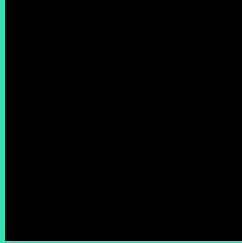
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

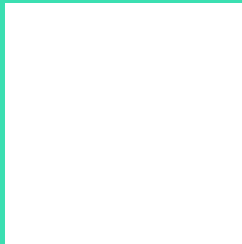
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BDFB1 Background



This preview shows how black text looks on a background with the Hex color 3BDFB1.

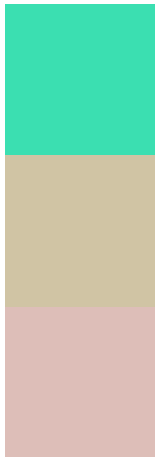


This preview shows how white text looks on a background with the Hex color 3BDFB1.

# 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](#).

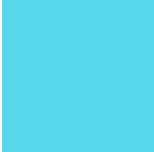
## Dichromacy



**Original Color**  
3BDFB1

**Protanopia**  
D0C4A4

**Deuteranopia**  
DDBEB8

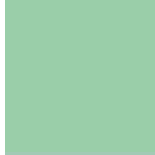


**Tritanopia**  
57D7E9

# Trichromacy



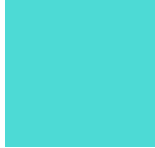
**Original Color**  
3BDFB1



**Protanomaly**  
9ACEA9



**Deuteranomaly**  
A2CAB5

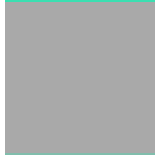


**Tritanomaly**  
4DDAD5

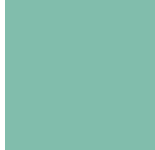
# Monochromacy



**Original Color**  
3BDFB1



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
81BDAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BDFB1 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 #3BDFB1 looks like.

```
.text, #text, p{  
    color:#3BDFB1  
}
```

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 #3BDFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BDFB1
}
```

## Border

The CSS property to change the border of an element to Hex 3BDFB1 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
#3BDFB1 }
```

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

```
.border{ border-color:#3BDFB1 }
```

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

Here you see how a box with a 4 pixel #3BDFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BDFB1; -webkit-box-shadow:4px 4px  
4px 4px #3BDFB1; box-shadow:4px 4px 4px  
4px #3BDFB1 }
```

# Background

The CSS property to change the background color of an element to Hex 3BDFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BDFB1 }
```

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

```
.background{ background-color:#3BDFB1 }
```

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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