

Converting Colors

Hex(3BDFB6)

Have a look what the booklet for
Hex(3BDFB6) contains.

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Color

Hex(3BDFB6)

Conversions

Conversions Part 1

Format	Color
Hex	3BDFB6
RGB	59, 223, 182
RGB Percent	23%, 87%, 71%
CMY	0.7686, 0.1255, 0.2863
CMYK	0.74, 0.00, 0.18, 0.13
HSL	165°, 72%, 55%
HSV	165°, 74%, 87%
XYZ	36.6348, 57.0826, 53.3432
YIQ	169.2900, -84.5830, -47.5190

Conversions

Conversions Part 2

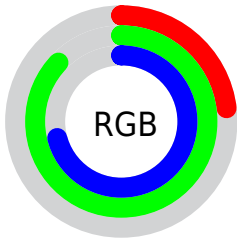
Format	Color
RYB	59, 153, 223
Decimal	3923894
CIELab	80.23, -50.89, 8.24
CIElCh	80, 51.553, 170.801
Yxy	57.0826, 0.2491, 0.3882
Android (android.graphics.Color)	4282113974 (0xFF3BDFB6)
YUV	169.2900, 6.2660, -96.7243
Hunter-Lab	75.5530, -45.6651, 11.0262

Details

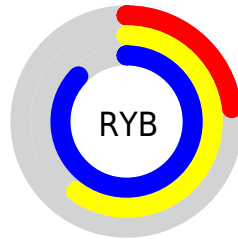
The Hex color **3BDFB6** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DF3B64**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **81FFEE**, and **00A781** is the 20% darker color. If you saturate the color by 10%, you get **25DFB0**, and if you desaturate by 10%, it is **51DFBC**.

Distribution



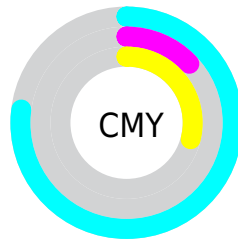
- Red (23%)
- Green (87%)
- Blue (71%)



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



- Cyan (74%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)



- Cyan (77%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BDFB6 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 3BDFB6 by changing the saturation by 10% instead.

 3BDFB6

 3BDFB6

FFFFFF

 00C39B

 81FFEE

 00A781

 A0FFFF

 008C68

 BFFFFFF

 007150

 DEFFFF

 005839

 FDFFFF

 003F23

 00290E

 000200

 000000

 3BDFB6

 3BDFB6

 25DFB0

 51DFBC

 0EDFAB

 68DFC1

 00DFA7

 7EDFC7

 94DFCC

 ABDFD2

 C1DFD7

 D7DFDD

 EDDFE3

 FFDFE8

Harmonies

Analogous

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



8BD988



3BDFB6



00E0E8

Triad

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



3BDFB6



B4C0FF



FFAE7E

Complementary

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



3BDFB6



DF3B64

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.



FFA1A7



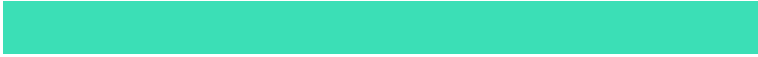
3BDFB6



F4AEFF

Square

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



3BDFB6



53D0FF



FFA1D8



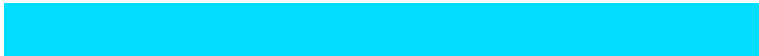
F2BF67

Rectangle

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



3BDFB6



00DDFF



FFA1D8



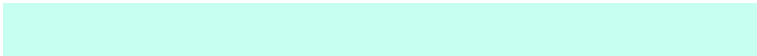
FFA98A

Sweetspot

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



3BDFB6



C7FFF1



64DF3B



5E8077



000000



808080

Same Dimension

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



3BDFB6



1FFFC7



3BB6DF



65706D



00B084



003024

Inverse Universe

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



DF3B64



FF1F57



DF643B



706568



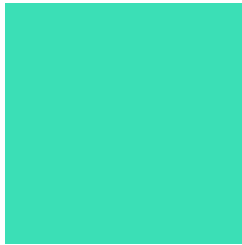
B0002C



30000C

Previews

White Background



This preview shows how the Hex color 3BDFB6 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 3BDFB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

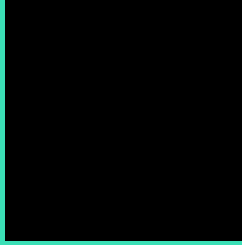
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

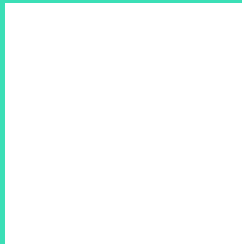
Any Text WCAG AAA ✓ Pass

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

Hex 3BDFB6 Background



This preview shows how black text looks on a background with the Hex color 3BDFB6.

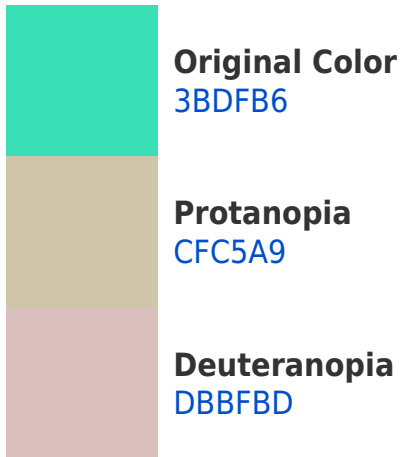


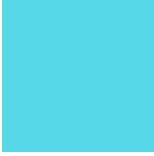
This preview shows how white text looks on a background with the Hex color 3BDFB6.

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](#).

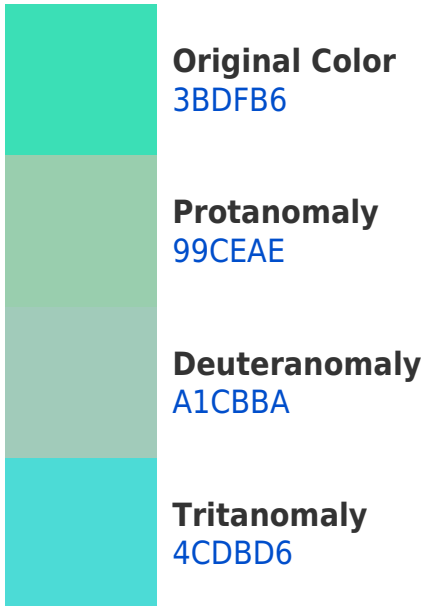
Dichromacy





Tritanopia
56D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BDFB6 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 #3BDFB6 looks like.

```
.text, #text, p{  
    color:#3BDFB6  
}
```

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 #3BDFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BDFB6
}
```

Border

The CSS property to change the border of an element to Hex 3BDFB6 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
#3BDFB6 }
```

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

```
.border{ border-color:#3BDFB6 }
```

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

Here you see how a box with a 4 pixel #3BDFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BDFB6; -webkit-box-shadow:4px 4px  
4px 4px #3BDFB6; box-shadow:4px 4px 4px  
4px #3BDFB6 }
```

Background

The CSS property to change the background color of an element to Hex 3BDFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BDFB6 }
```

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

```
.background{ background-color:#3BDFB6 }
```

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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