

# Converting Colors

Hex(3BDF9D)

Have a look what the booklet for  
Hex(3BDF9D) contains.

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**Color**

**Hex(3BDF9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BDF9D
RGB	59, 223, 157
RGB Percent	23%, 87%, 62%
CMY	0.7686, 0.1255, 0.3843
CMYK	0.74, 0.00, 0.30, 0.13
HSL	156°, 72%, 55%
HSV	156°, 74%, 87%
XYZ	34.2771, 56.1395, 40.9277
YIQ	166.4400, -76.5580, -55.2940

# Conversions

## Conversions Part 2

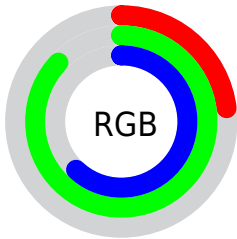
Format	Color
<a href="#">RYB</a>	<a href="#">59, 162, 223</a>
Decimal	<a href="#">3923869</a>
CIELab	<a href="#">79.69, -56.57, 20.65</a>
CIELCh	<a href="#">80, 60.223, 159.947</a>
Yxy	<a href="#">56.1395, 0.2610, 0.4274</a>
Android (android.graphics.Color)	<a href="#">4282113949 (0xFF3BDF9D)</a>
YUV	<a href="#">166.4400, -4.6539, -94.2249</a>
Hunter-Lab	<a href="#">74.9263, -49.4612, 20.0619</a>

# Details

The Hex color **3BDF9D** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **DF3B7D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **80FFD4**, and **00A769** is the 20% darker color. If you saturate the color by 10%, you get **25DF94**, and if you desaturate by 10%, it is **51DFA6**.

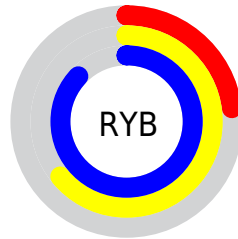
# Distribution



Red (23%)

Green (87%)

Blue (62%)



Red (23%)

Yellow (64%)

Blue (87%)

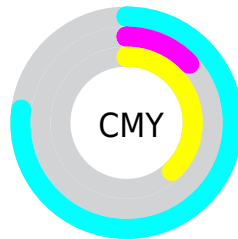


Cyan (74%)

Magenta (0%)

Yellow (30%)

Black (13%)



Cyan (77%)

Magenta (13%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BDF9D 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 3BDF9D by changing the saturation by 10% instead.



 3BDF9D

 3BDF9D

FFFFFF

 00C283

 80FFD4

 00A769

 9FFFF0

 008B51

 BEFFFF

 00713A

 DDFFFF

 005723

 FBFFFF

 003E0E

 002700

 000000

 3BDF9D

 3BDF9D

 25DF94

 51DFA6

 0EDF8B

 68DFAF

 00DF85

 7EDFB8

 94DFC1

 ABDFCA

 C1DFD3

 D7DFDC

 EDDFE5

 FFDTEE

# Harmonies

## Analogous

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



97D76C



3BDF9D



00E2D7

# Triad

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



3BDF9D



85C5FF



FFA080

# Complementary

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



3BDF9D



DF3B7D

# 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.



FF95B5



3BDF9D



E2AFFF

# Square

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



3BDF9D



00D6FF



FF9BED



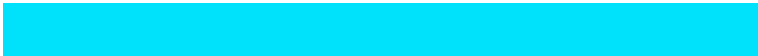
FFB55A

# Rectangle

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



3BDF9D



00E1FC



FF9BED



FF9B91

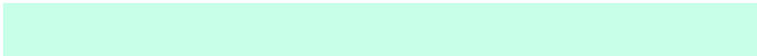


# Sweetspot

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



3BDF9D



C7FFE8



7FDF3B



5E8072



000000



808080



# Same Dimension

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



3BDF9D



1FFFA5



3BD1DF



65706C



00B069



00301D



# Inverse Universe

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



DF3B7D



FF1F79



DF493B



706569



B00047

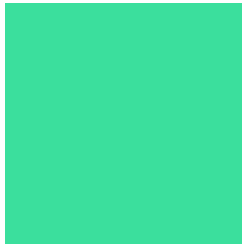


300013



# Previews

## White Background



This preview shows how the Hex color 3BDF9D 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 3BDF9D 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 3BDF9D Background



This preview shows how black text looks on a background with the Hex color 3BDF9D.

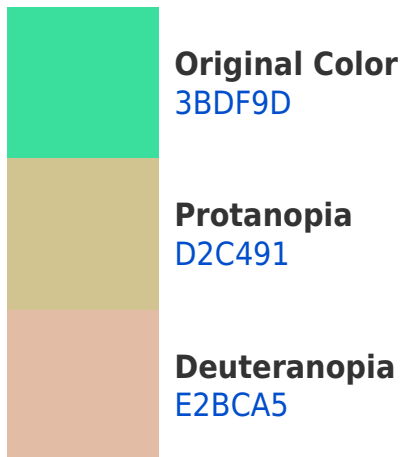


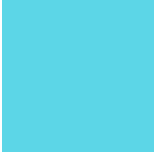
This preview shows how white text looks on a background with the Hex color 3BDF9D.

# 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**  
5CD6E7

# Trichromacy



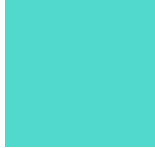
**Original Color**  
3BDF9D



**Protanomaly**  
9BCE95



**Deuteranomaly**  
A5C9A2



**Tritanomaly**  
50D9CC

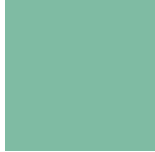
# Monochromacy



**Original Color**  
3BDF9D



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
7FBBA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BDF9D 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 #3BDF9D looks like.

```
.text, #text, p{  
    color:#3BDF9D  
}
```

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 #3BDF9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BDF9D
}
```

## Border

The CSS property to change the border of an element to Hex 3BDF9D 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
#3BDF9D }
```

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

```
.border{ border-color:#3BDF9D }
```

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

Here you see how a box with a 4 pixel #3BDF9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BDF9D; -webkit-box-shadow:4px 4px  
4px 4px #3BDF9D; box-shadow:4px 4px 4px  
4px #3BDF9D }
```

# Background

The CSS property to change the background color of an element to Hex 3BDF9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BDF9D }
```

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

```
.background{ background-color:#3BDF9D }
```

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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