

# Converting Colors

Hex(7BDFBA)

Have a look what the booklet for  
Hex(7BDFBA) contains.

<b>Hex(7BDFBA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7BDFBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BDFBA
RGB	123, 223, 186
RGB Percent	48%, 87%, 73%
CMY	0.5176, 0.1255, 0.2706
CMYK	0.45, 0.00, 0.17, 0.13
HSL	158°, 61%, 68%
HSV	158°, 45%, 87%
XYZ	43.4190, 60.5315, 55.8497
YIQ	188.8820, -47.7230, -32.7070

# Conversions

## Conversions Part 2

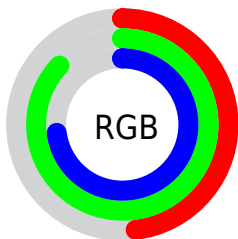
Format	Color
<a href="#">RYB</a>	<a href="#">123, 184, 223</a>
Decimal	<a href="#">8118202</a>
CIELab	<a href="#">82.13, -37.88, 9.09</a>
CIElCh	<a href="#">82, 38.953, 166.511</a>
Yxy	<a href="#">60.5315, 0.2717, 0.3788</a>
Android (android.graphics.Color)	<a href="#">4286308282 (0xFF7BDFBA)</a>
YUV	<a href="#">188.8820, -1.4208, -57.7785</a>
Hunter-Lab	<a href="#">77.8020, -36.5379, 11.9004</a>

# Details

The Hex color **7BDFBA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DF7BA0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B4FFF2**, and **42A785** is the 20% darker color. If you saturate the color by 10%, you get **65DFB2**, and if you desaturate by 10%, it is **91DFC2**.

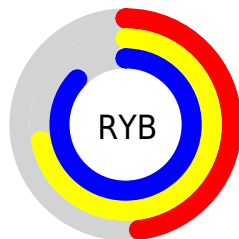
# Distribution



Red (48%)

Green (87%)

Blue (73%)



Red (48%)

Yellow (72%)

Blue (87%)

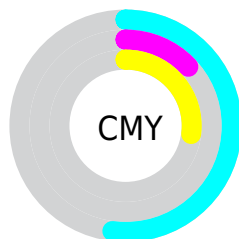


Cyan (45%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (52%)

Magenta (13%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BDFBA 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 7BDFBA by changing the saturation by 10% instead.



 7BDFBA

 7BDFBA

FFFFFF

 5FC39F

 B4FFF2

 42A785

 D1FFFF

 208C6C

 EEEFFF

 007253

 00593C

 004126

 002B12

 000E00

 000000

 7BDFBA

 7BDFBA

 65DFB2

 91DFC2

 4EDFA9

 A8DFCB

 38DFA1

 BEDFD3

 22DF99

 D4DFDB

 0BDF91

 EBDFE3

 00DF8C

 FFDFEC

 FFDF4

 FFDFFC

 FFDFFF

# Harmonies

## Analogous

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



A7DA99



7BDFBA



52E0E0

# Triad

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



7BDFBA



B9C9FF



FFB899

# Complementary

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



7BDFBA



DF7BA0

# 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.



FFB1B9



7BDFBA



EABCFF

# Square

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



7BDFBA



7FD5FF



FFB2DE



F4C485

# Rectangle

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



7BDFBA



49DEF7



FFB2DE



FFB5A3

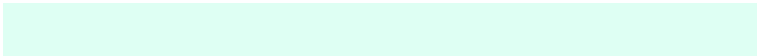


# Sweetspot

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



7BDFBA



DEFFF3



A1DF7B



6B8078



000000



808080



# Same Dimension

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



7BDFBA



75FFCC



7BD3DF



65706C



00B06F



00301F



# Inverse Universe

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



DF7BA0



FF75A8



DF877B



706569



B00041

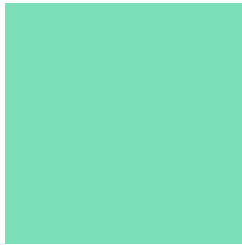


300012



# Previews

## White Background



This preview shows how the Hex color 7BDFBA looks on a white background.

## Color Contrast Check

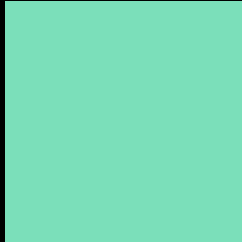
Large Text (above 18pt) WCAG AA × Fail

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 7BDFBA 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

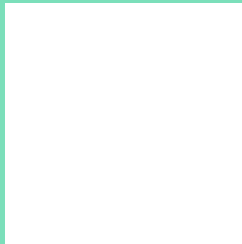
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BDFBA Background



This preview shows how black text looks on a background with the Hex color 7BDFBA.

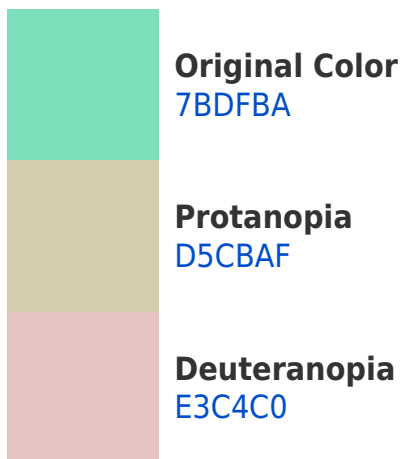


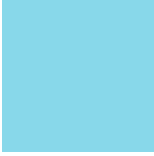
This preview shows how white text looks on a background with the Hex color 7BDFBA.

# 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**  
88D8EA

# Trichromacy



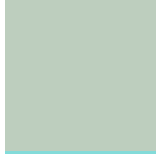
**Original Color**

7BDFBA



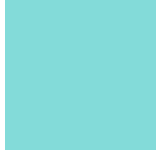
**Protanomaly**

B4D2B3



**Deuteranomaly**

BDCEBE



**Tritanomaly**

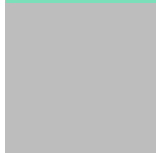
83DBD9

# Monochromacy



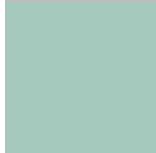
**Original Color**

7BDFBA



**Achromatopsia**

BDBDBD



**Achromatomaly**

A5C9BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BDFBA 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 #7BDFBA looks like.

```
.text, #text, p{  
    color:#7BDFBA  
}
```

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 #7BDFBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BDFBA
}
```

## Border

The CSS property to change the border of an element to Hex 7BDFBA 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
#7BDFBA }
```

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

```
.border{ border-color:#7BDFBA }
```

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

Here you see how a box with a 4 pixel #7BDFBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BDFBA; -webkit-box-shadow:4px 4px  
4px 4px #7BDFBA; box-shadow:4px 4px 4px  
4px #7BDFBA }
```

# Background

The CSS property to change the background color of an element to Hex 7BDFBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BDFBA }
```

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

```
.background{ background-color:#7BDFBA }
```

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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