

# Converting Colors

Hex(76BFB1)

Have a look what the booklet for  
Hex(76BFB1) contains.

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# **Color**

**Hex(76BFB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76BFB1
RGB	118, 191, 177
RGB Percent	46%, 75%, 69%
CMY	0.5373, 0.2510, 0.3059
CMYK	0.38, 0.00, 0.07, 0.25
HSL	168°, 36%, 61%
HSV	168°, 38%, 75%
XYZ	34.0378, 44.2875, 48.3493
YIQ	167.5770, -39.0140, -19.8300

# Conversions

## Conversions Part 2

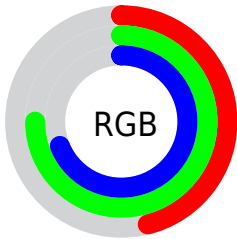
Format	Color
<a href="#">RYB</a>	<a href="#">118, 158, 191</a>
Decimal	<a href="#">7782321</a>
CIELab	<a href="#">72.42, -26.05, -0.13</a>
CIElCh	<a href="#">72, 26.054, 180.296</a>
Yxy	<a href="#">44.2875, 0.2687, 0.3496</a>
Android (android.graphics.Color)	<a href="#">4285972401 (0xFF76BFB1)</a>
YUV	<a href="#">167.5770, 4.6455, -43.4790</a>
Hunter-Lab	<a href="#">66.5488, -25.1628, 3.5086</a>

# Details

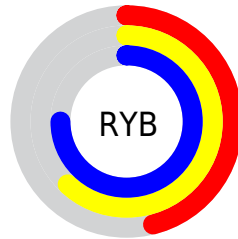
The Hex color **76BFB1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BF7684**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **ADF8E9**, and **40897D** is the 20% darker color. If you saturate the color by 10%, you get **63BFAD**, and if you desaturate by 10%, it is **89BFB5**.

# Distribution



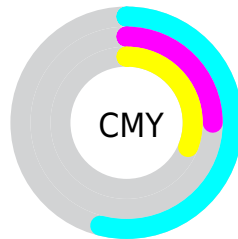
- Red (46%)
- Green (75%)
- Blue (69%)



- Red (46%)
- Yellow (62%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76BFB1 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 76BFB1 by changing the saturation by 10% instead.





76BFB1



76BFB1

FFFFFF



5BA496



ADF8E9



40897D



C9FFFF



247064



E6FFFF



00574C



003F35



002920



001009



000000



76BFB1



76BFB1

63BFAD

89BFB5

50BFAA

9CBFB8

3DBFA6

AFBFBC

2ABFA2

C2BFC0

17BF9F

D6BFC3

03BF9B

E9BFC7

00BF9A

FCBFCB

FFBFCE

FFBFD2

# Harmonies

## Analogous

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



8EBD99



76BFB1



6BBEC9

# Triad

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



76BFB1



B6ABDB



D7A889

# Complementary

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



76BFB1



BF7684

# 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.



E1A29B



76BFB1



D1A4CA

# Square

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



76BFB1



95B4E1



E0A0B2



C3B082

# Rectangle

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



76BFB1



71BCD5



E0A0B2



DCA68E



# Sweetspot

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



76BFB1



DCF7F2



85BF76



6D7D7A



FCFCFC



7D7D7D



# Same Dimension

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



76BFB1



86F7E2



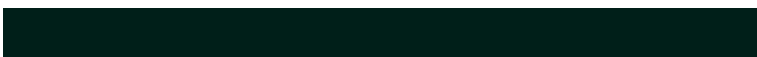
76A9BF



555E5D



009E80



001F19



# Inverse Universe

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



BF7684



F7869B



BF8C76



5E5557



9E001E

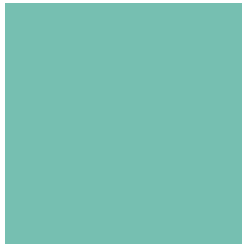


1F0006



# Previews

## White Background



This preview shows how the Hex color 76BFB1 looks on a white background.

## Color Contrast Check

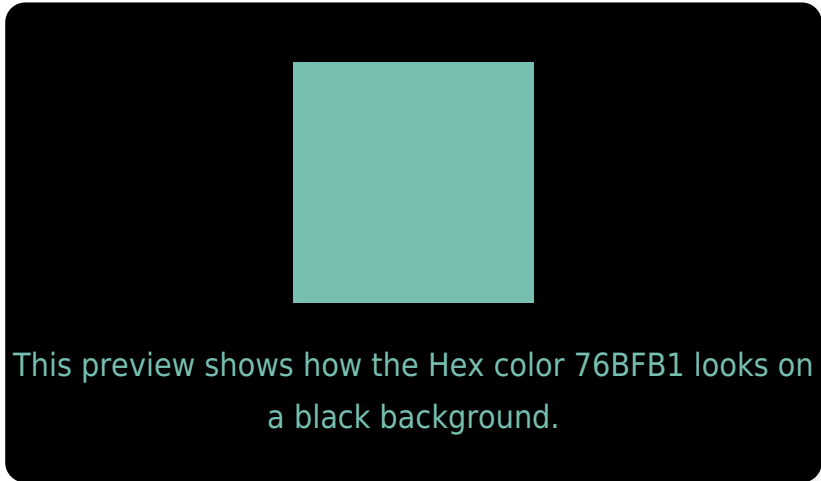
Large Text (above 18pt) WCAG AA × Fail

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

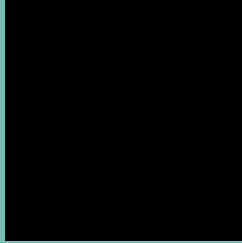
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

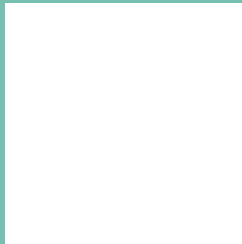
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76BFB1 Background



This preview shows how black text looks on a background with the Hex color 76BFB1.

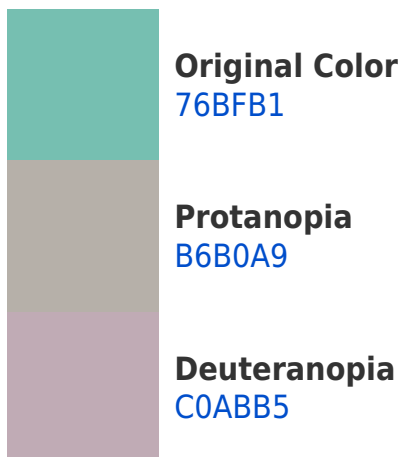


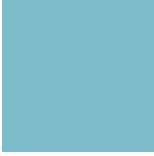
This preview shows how white text looks on a background with the Hex color 76BFB1.

# Color Blindness Simulation

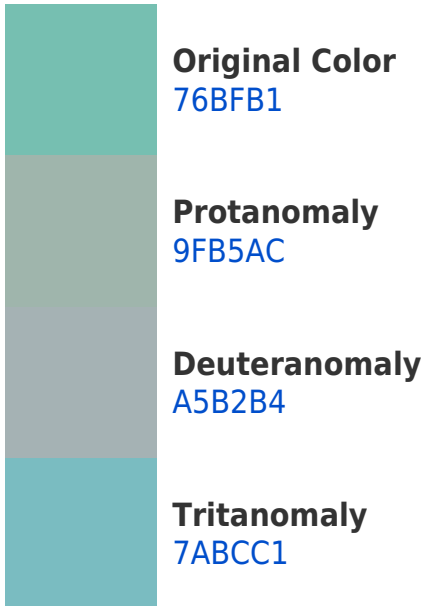
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

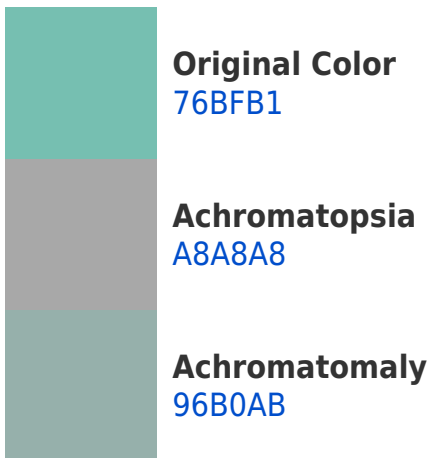




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76BFB1 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 #76BFB1 looks like.

```
.text, #text, p{  
    color:#76BFB1  
}
```

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 #76BFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BFB1  
}
```

## Border

The CSS property to change the border of an element to Hex 76BFB1 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  
#76BFB1 }
```

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

```
.border{ border-color:#76BFB1 }
```

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

Here you see how a box with a 4 pixel #76BFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BFB1; -webkit-box-shadow:4px 4px  
4px 4px #76BFB1; box-shadow:4px 4px 4px  
4px #76BFB1 }
```

# Background

The CSS property to change the background color of an element to Hex 76BFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BFB1 }
```

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

```
.background{ background-color:#76BFB1 }
```

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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