

Converting Colors

Hex(76B3B3)

Have a look what the booklet for
Hex(76B3B3) contains.

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Color

Hex(76B3B3)

Conversions

Conversions Part 1

Format	Color
Hex	76B3B3
RGB	118, 179, 179
RGB Percent	46%, 70%, 70%
CMY	0.5373, 0.2980, 0.2980
CMYK	0.34, 0.00, 0.00, 0.30
HSL	180°, 29%, 58%
HSV	180°, 34%, 70%
XYZ	31.7280, 39.3464, 48.5702
YIQ	160.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

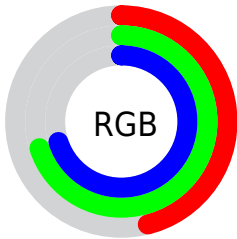
Format	Color
RYB	118, 149, 179
Decimal	7779251
CIELab	69.00, -19.54, -6.26
CIELCh	69, 20.517, 197.768
Yxy	39.3464, 0.2652, 0.3289
Android (android.graphics.Color)	4285969331 (0xFF76B3B3)
YUV	160.7610, 8.9918, -37.5014
Hunter-Lab	62.7267, -19.4841, -2.0004

Details

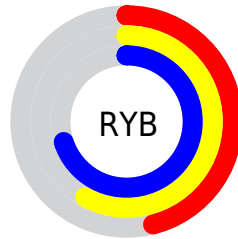
The Hex color **76B3B3** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B37676**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **ACEBEB**, and **417E7E** is the 20% darker color. If you saturate the color by 10%, you get **64B3B3**, and if you desaturate by 10%, it is **88B3B3**.

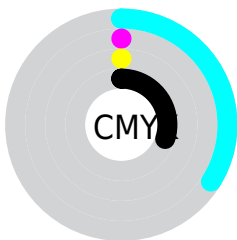
Distribution



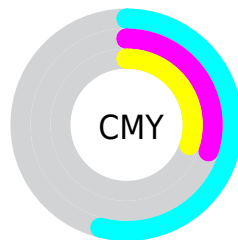
- Red (46%)
- Green (70%)
- Blue (70%)



- Red (46%)
- Yellow (58%)
- Blue (70%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (54%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B3B3 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 76B3B3 by changing the saturation by 10% instead.



76B3B3



76B3B3

FFFFFF



5C9898



ACEBEB



417E7E



C9FFFF



266565



E5FFFF



034D4D



003637



002121



00000B



000000



76B3B3



76B3B3

64B3B3

88B3B3

52B3B3

9AB3B3

40B3B3

ACB3B3

2EB3B3

BEB3B3

1DB3B3

D0B3B3

0BB3B3

E1B3B3

00B3B3

F3B3B3

FFB3B3

Harmonies

Analogous

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



82B3A0



76B3B3



78B1C3

Triad

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



76B3B3



B9A0C1



BEA584

Complementary

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



76B3B3



B37676

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.



CB9F8E



76B3B3



C99CB1

Square

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



76B3B3



A2A6CC



CF9C9E



ABAB85

Rectangle

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



76B3B3



82AECA



CF9C9E



C3A387

Sweetspot

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



76B3B3



D1E8E8



76B376



677575



F5F5F5



757575

Same Dimension

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



76B3B3



89E8E8



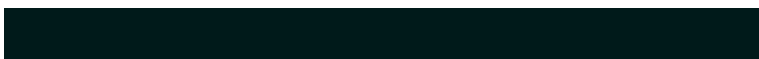
7695B3



505959



009999



001A1A

Inverse Universe

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



B376B3



E889E8



B39576



595059



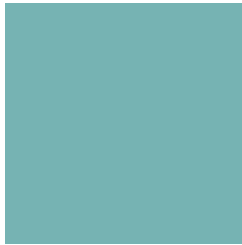
990099



1A001A

Previews

White Background



This preview shows how the Hex color 76B3B3 looks on a white background.

Color Contrast Check

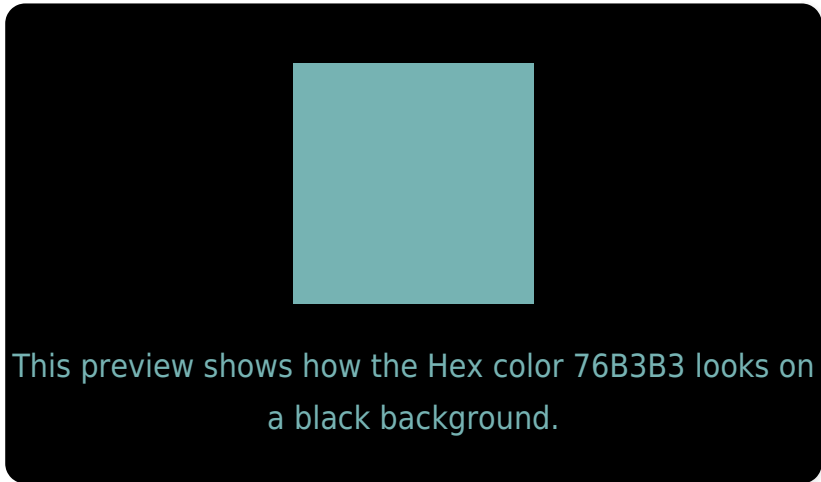
Large Text (above 18pt) WCAG AA × Fail

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

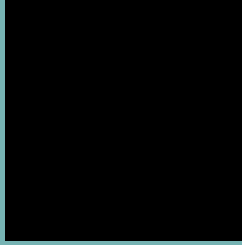
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

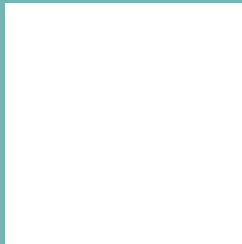
Any Text WCAG AAA ✓ Pass

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

Hex 76B3B3 Background



This preview shows how black text looks on a background with the Hex color 76B3B3.

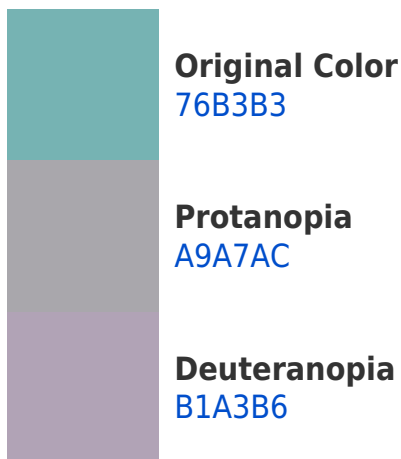


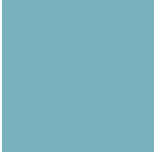
This preview shows how white text looks on a background with the Hex color 76B3B3.

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](#).

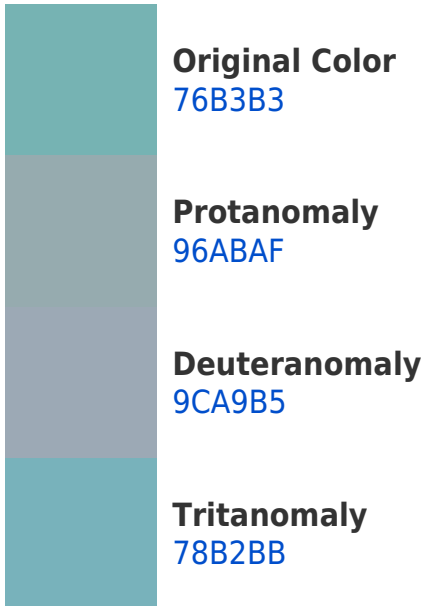
Dichromacy





Tritanopia
79B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B3B3 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 #76B3B3 looks like.

```
.text, #text, p{  
    color:#76B3B3  
}
```

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 #76B3B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B3B3
}
```

Border

The CSS property to change the border of an element to Hex 76B3B3 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
#76B3B3 }
```

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

```
.border{ border-color:#76B3B3 }
```

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

Here you see how a box with a 4 pixel #76B3B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B3B3; -webkit-box-shadow:4px 4px  
4px 4px #76B3B3; box-shadow:4px 4px 4px  
4px #76B3B3 }
```

Background

The CSS property to change the background color of an element to Hex 76B3B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B3B3 }
```

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

```
.background{ background-color:#76B3B3 }
```

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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