

Converting Colors

Hex(76B3B8)

Have a look what the booklet for
Hex(76B3B8) contains.

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Color

Hex(76B3B8)

Conversions

Conversions Part 1

Format	Color
Hex	76B3B8
RGB	118, 179, 184
RGB Percent	46%, 70%, 72%
CMY	0.5373, 0.2980, 0.2784
CMYK	0.36, 0.03, 0.00, 0.28
HSL	185°, 32%, 59%
HSV	185°, 36%, 72%
XYZ	32.2430, 39.5524, 51.2824
YIQ	161.3310, -37.9610, -11.3770

Conversions

Conversions Part 2

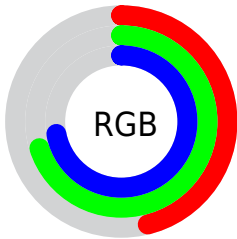
Format	Color
R_{YB}	118, 150, 184
Decimal	7779256
CIE _{Lab}	69.15, -18.31, -8.80
CIE _{LCh}	69, 20.314, 205.666
Y _{xy}	39.5524, 0.2620, 0.3214
Android (android.graphics.Color)	4285969336 (0xFF76B3B8)
YUV	161.3310, 11.1758, -38.0013
Hunter-Lab	62.8907, -18.5448, -4.3228

Details

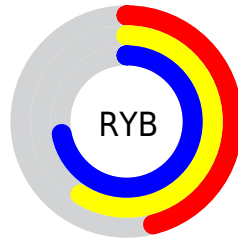
The Hex color **76B3B8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B87B76**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **ADEBF0**, and **417E83** is the 20% darker color. If you saturate the color by 10%, you get **64B2B8**, and if you desaturate by 10%, it is **88B4B8**.

Distribution



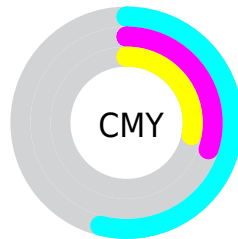
- Red (46%)
- Green (70%)
- Blue (72%)



- Red (46%)
- Yellow (59%)
- Blue (72%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (54%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B3B8 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 76B3B8 by changing the saturation by 10% instead.

 76B3B8

 76B3B8

FFFFFF

 5B989D

 ADEBF0

 417E83

 C9FFFF

 26656A

 E6FFFF

 014D52

 00363B

 002125

 000111

 000000

 76B3B8

 76B3B8

64B2B8

88B4B8

51B0B8

9BB6B8

3FAFB8

ADB7B8

2CADB8

C0B9B8

1AACB8

D2BAB8

08ABB8

E4BBB8

00AAB8

F7BDB8

FFBEB8

FFC0B8

Harmonies

Analogous

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



7FB3A5



76B3B8



7CB0C7

Triad

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



76B3B8



BE9FBE



B9A784

Complementary

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



76B3B8



B87B76

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.



C8A18B



76B3B8



CC9CAC

Square

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



76B3B8



A9A5CA



CF9D9A



A6AD87

Rectangle

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



76B3B8



88ADCC



CF9D9A



BFA586

Sweetspot

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



76B3B8



D5EEF0



76B87A



687778



F7F7F7



787878

Same Dimension

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



76B3B8



89E8F0



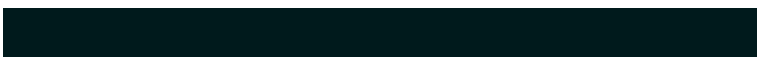
7693B8



535B5C



00909C



001A1C

Inverse Universe

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



B876B3



F089E8



B89B76



5C535B



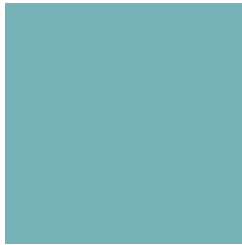
9C0090



1C001A

Previews

White Background



This preview shows how the Hex color 76B3B8 looks on a white background.

Color Contrast Check

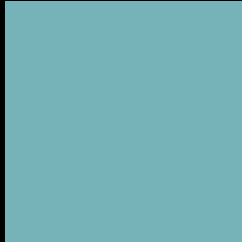
Large Text (above 18pt) WCAG AA × Fail

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 76B3B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

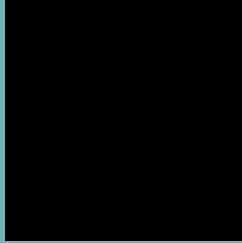
Any Text WCAG AA ✓ Pass

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 76B3B8 Background



This preview shows how black text looks on a background with the Hex color 76B3B8.

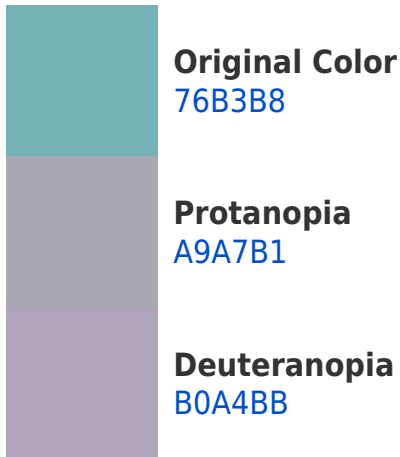


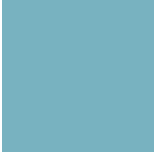
This preview shows how white text looks on a background with the Hex color 76B3B8.

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](#).

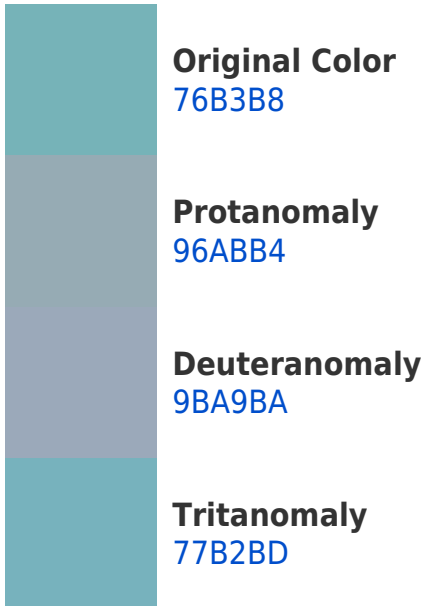
Dichromacy



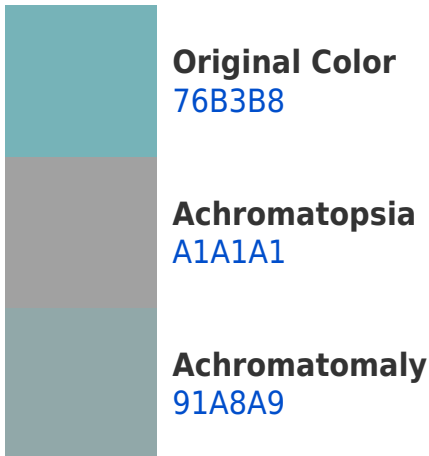


Tritanopia
78B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B3B8 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 #76B3B8 looks like.

```
.text, #text, p{  
    color:#76B3B8  
}
```

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 #76B3B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B3B8
}
```

Border

The CSS property to change the border of an element to Hex 76B3B8 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
#76B3B8 }
```

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

```
.border{ border-color:#76B3B8 }
```

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

Here you see how a box with a 4 pixel #76B3B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B3B8; -webkit-box-shadow:4px 4px  
4px 4px #76B3B8; box-shadow:4px 4px 4px  
4px #76B3B8 }
```

Background

The CSS property to change the background color of an element to Hex 76B3B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B3B8 }
```

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

```
.background{ background-color:#76B3B8 }
```

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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