

Converting Colors

Hex(76BB80)

Have a look what the booklet for
Hex(76BB80) contains.

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Color

Hex(76BB80)

Conversions

Conversions Part 1

Format	Color
Hex	76BB80
RGB	118, 187, 128
RGB Percent	46%, 73%, 50%
CMY	0.5373, 0.2667, 0.4980
CMYK	0.37, 0.00, 0.32, 0.27
HSL	129°, 34%, 60%
HSV	129°, 37%, 73%
XYZ	29.1378, 40.9507, 26.7906
YIQ	159.6430, -22.1850, -32.9770

Conversions

Conversions Part 2

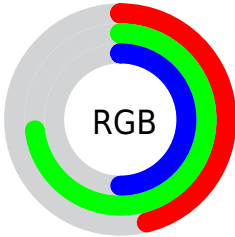
Format	Color
RYB	118, 178, 187
Decimal	7781248
CIELab	70.14, -34.16, 23.19
CIELCh	70, 41.290, 145.823
Yxy	40.9507, 0.3008, 0.4227
Android (android.graphics.Color)	4285971328 (0xFF76BB80)
YUV	159.6430, -15.6000, -36.5209
Hunter-Lab	63.9927, -30.7109, 19.9731

Details

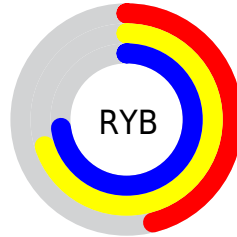
The Hex color **76BB80** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **BB76B1**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ACF4B5**, and **41854E** is the 20% darker color. If you saturate the color by 10%, you get **63BB70**, and if you desaturate by 10%, it is **89BB90**.

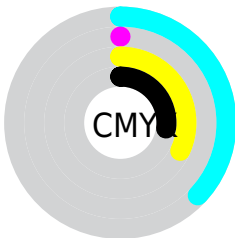
Distribution



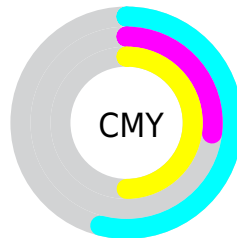
- Red (46%)
- Green (73%)
- Blue (50%)



- Red (46%)
- Yellow (70%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76BB80 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 76BB80 by changing the saturation by 10% instead.

 76BB80

 76BB80

FFFFFF

 5CA067

 ACF4B5

 41854E

 C9FFD1

 276C37

 E5FFED

 045320

 003B0A

 002600

 000100

 000000

 76BB80

 76BB80

 63BB70

 89BB90

 51BB60

 9BBBA0

 3EBB50

 AEBBB0

 2BBB40

 C1BBC0

 19BB30

 D4BBD0

 06BB20

 E6BBE0

 00BB1B

 F9BBF0

 FFBBFF

Harmonies

Analogous

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



A2B366



76BB80



3EBFA5

Triad

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



76BB80



68B1F6



F3908D

Complementary

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



76BB80



BB76B1

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.



EF8EB2



76BB80



A8A4EF

Square

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



76BB80



00BAE9



D696D6



E59A6F

Rectangle

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



76BB80



00BFBF



D696D6



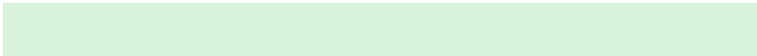
F48E99

Sweetspot

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



76BB80



D8F2DB



B2BB76



6A7A6D



FAFAFA



7A7A7A

Same Dimension

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



76BB80



88F297



76BBA2



555E56



009E17



001F04

Inverse Universe

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



BB76B1



F288E3



BB768F



5E555D



9E0087



1F001A

Previews

White Background



This preview shows how the Hex color 76BB80 looks on a white background.

Color Contrast Check

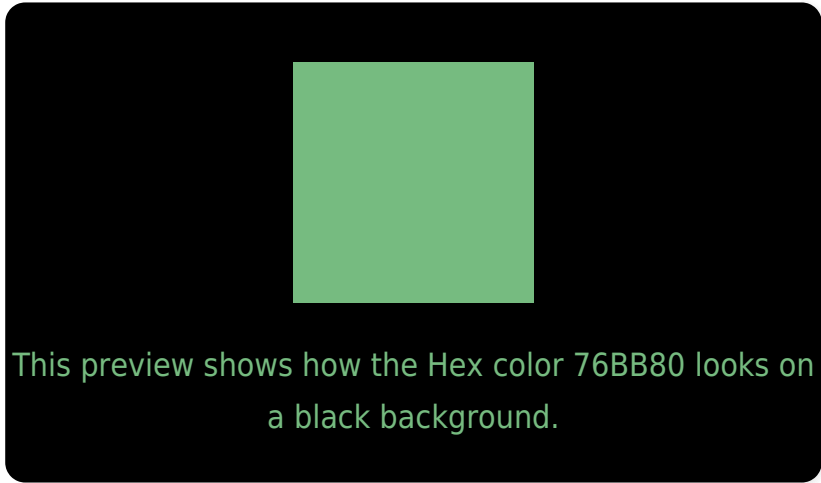
Large Text (above 18pt) WCAG AA × Fail

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

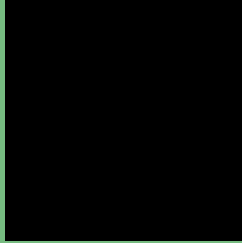
Any Text WCAG AA ✓ Pass

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 76BB80 Background



This preview shows how black text looks on a background with the Hex color 76BB80.

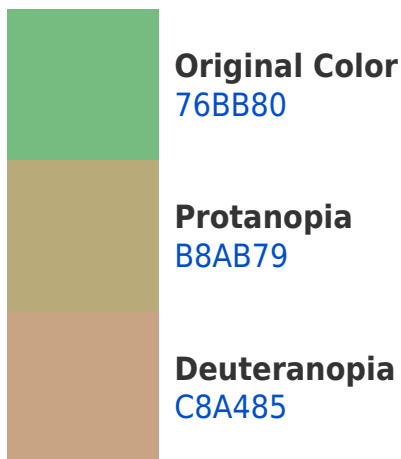


This preview shows how white text looks on a background with the Hex color 76BB80.

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](#).

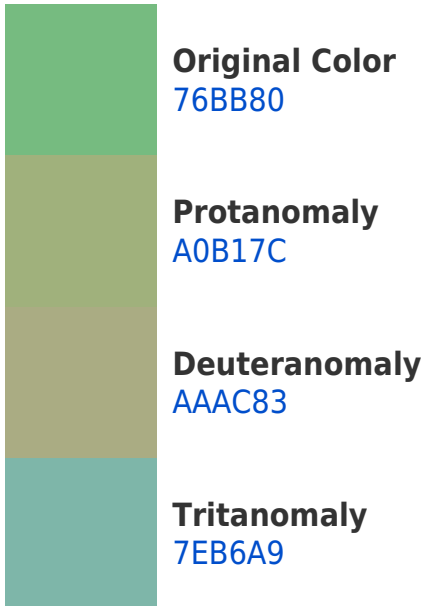
Dichromacy



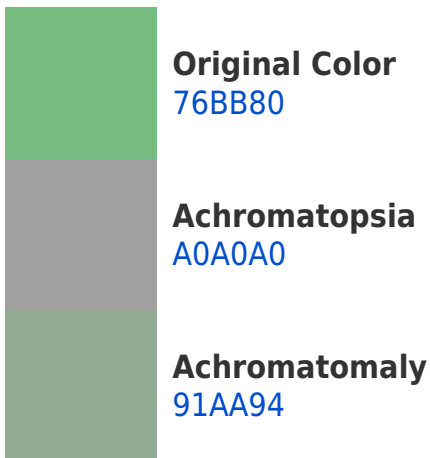


Tritanopia
83B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76BB80 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 #76BB80 looks like.

```
.text, #text, p{  
    color:#76BB80  
}
```

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 #76BB80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BB80
}
```

Border

The CSS property to change the border of an element to Hex 76BB80 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
#76BB80 }
```

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

```
.border{ border-color:#76BB80 }
```

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

Here you see how a box with a 4 pixel #76BB80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BB80; -webkit-box-shadow:4px 4px  
4px 4px #76BB80; box-shadow:4px 4px 4px  
4px #76BB80 }
```

Background

The CSS property to change the background color of an element to Hex 76BB80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BB80 }
```

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

```
.background{ background-color:#76BB80 }
```

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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