

Converting Colors

Hex(76B987)

Have a look what the booklet for
Hex(76B987) contains.

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Color

Hex(76B987)

Conversions

Conversions Part 1

Format	Color
Hex	76B987
RGB	118, 185, 135
RGB Percent	46%, 73%, 53%
CMY	0.5373, 0.2745, 0.4706
CMYK	0.36, 0.00, 0.27, 0.27
HSL	135°, 32%, 59%
HSV	135°, 36%, 73%
XYZ	29.1933, 40.2987, 29.1615
YIQ	159.2670, -23.8820, -29.7540

Conversions

Conversions Part 2

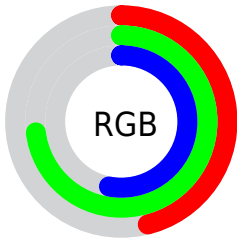
Format	Color
RYB	118, 171, 185
Decimal	7780743
CIELab	69.68, -31.96, 18.81
CIELCh	70, 37.088, 149.526
Yxy	40.2987, 0.2959, 0.4085
Android (android.graphics.Color)	4285970823 (0xFF76B987)
YUV	159.2670, -11.9636, -36.1912
Hunter-Lab	63.4813, -29.0049, 17.2008

Details

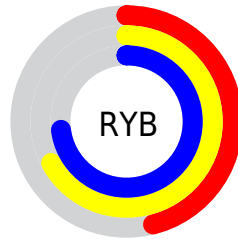
The Hex color **76B987** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B976A8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ACF1BC**, and **428355** is the 20% darker color. If you saturate the color by 10%, you get **64B979**, and if you desaturate by 10%, it is **89B995**.

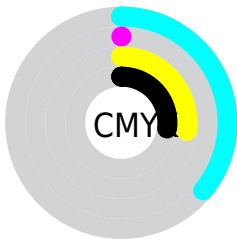
Distribution



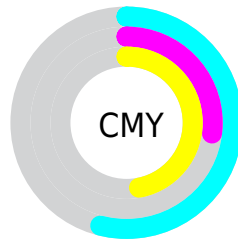
- Red (46%)
- Green (73%)
- Blue (53%)



- Red (46%)
- Yellow (67%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (27%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B987 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 76B987 by changing the saturation by 10% instead.

 76B987

 76B987

FFFFFF

 5C9E6E

 ACF1BC

 428355

 C8FFD8

 276A3E

 E5FFF5

 075127

 003A12

 002400

 000000

 76B987

 76B987

 64B979

 89B995

 51B96B

 9BB9A3

 3FB95E

 AEB9B0

 2CB950

 C0B9BE

 1AB942

 D3B9CC

 07B934

 E5B9DA

 00B92F

 F8B9E8

 FFB9F5

 FFB9FF

Harmonies

Analogous

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



9EB26F



76B987



49BCA9

Triad

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



76B987



79AEED



EB938B

Complementary

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



76B987



B976A8

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.



E990AC



76B987



ADA2E5

Square

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



76B987



3EB7E3



D496CD



DC9C71

Rectangle

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



76B987



2ABCC0



D496CD



EC9195

Sweetspot

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



76B987



D5F0DC



A8B976



68786C



F7F7F7



787878

Same Dimension

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



76B987



89F0A3



76B9A8



535C55



009C27



001C07

Inverse Universe

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



B976A8



F089D6



B97687



5C5359



9C0074



1C0015

Previews

White Background



This preview shows how the Hex color 76B987 looks on a white background.

Color Contrast Check

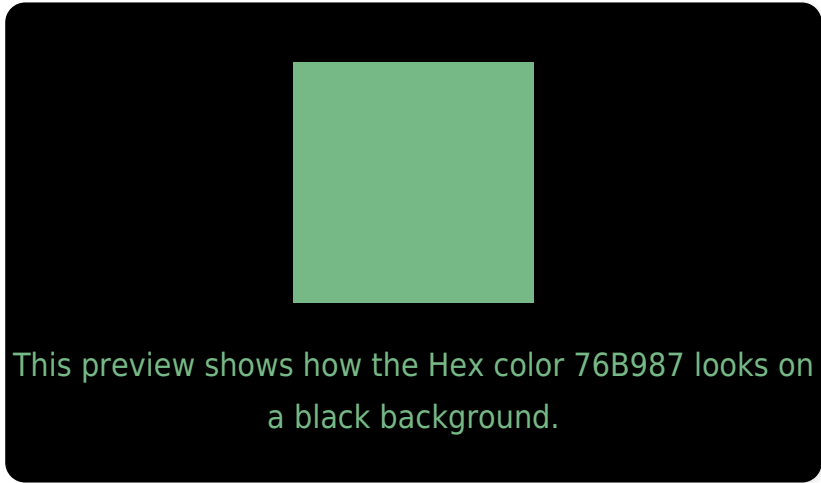
Large Text (above 18pt) WCAG AA × Fail

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

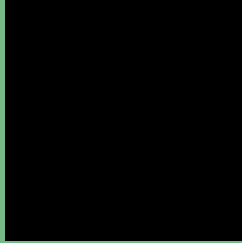
Any Text WCAG AA ✓ Pass

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 76B987 Background



This preview shows how black text looks on a background with the Hex color 76B987.

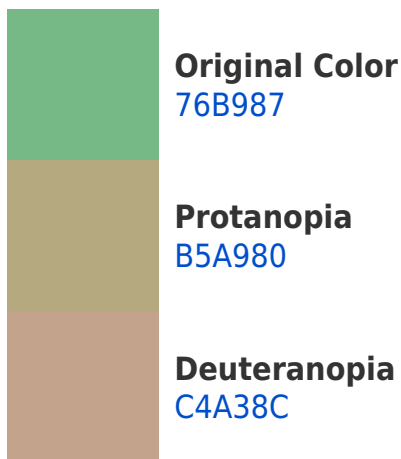


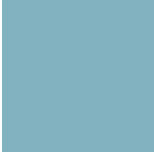
This preview shows how white text looks on a background with the Hex color 76B987.

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
82B2C0

Trichromacy



Original Color

76B987



Protanomaly

9EAF83



Deuteranomaly

A8AB8A



Tritanomaly

7EB5AB

Monochromacy



Original Color

76B987



Achromatopsia

9F9F9F



Achromatomaly

90A896

CSS Examples

Text

The CSS property to change the color of the text to Hex 76B987 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 #76B987 looks like.

```
.text, #text, p{  
    color:#76B987  
}
```

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 #76B987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B987
}
```

Border

The CSS property to change the border of an element to Hex 76B987 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
#76B987 }
```

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

```
.border{ border-color:#76B987 }
```

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

Here you see how a box with a 4 pixel #76B987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B987; -webkit-box-shadow:4px 4px  
4px 4px #76B987; box-shadow:4px 4px 4px  
4px #76B987 }
```

Background

The CSS property to change the background color of an element to Hex 76B987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B987 }
```

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

```
.background{ background-color:#76B987 }
```

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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