

Converting Colors

Hex(77BA86)

Have a look what the booklet for
Hex(77BA86) contains.

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Color

Hex(77BA86)

Conversions

Conversions Part 1

Format	Color
Hex	77BA86
RGB	119, 186, 134
RGB Percent	47%, 73%, 53%
CMY	0.5333, 0.2706, 0.4745
CMYK	0.36, 0.00, 0.28, 0.27
HSL	133°, 33%, 60%
HSV	133°, 36%, 73%
XYZ	29.4697, 40.7610, 28.8687
YIQ	160.0390, -23.2400, -30.3760

Conversions

Conversions Part 2

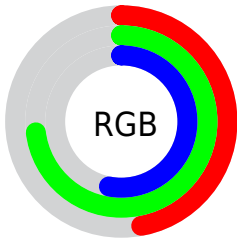
Format	Color
RYB	119, 174, 186
Decimal	7846534
CIELab	70.01, -32.31, 19.80
CIELCh	70, 37.897, 148.493
Yxy	40.7610, 0.2974, 0.4113
Android (android.graphics.Color)	4286036614 (0xFF77BA86)
YUV	160.0390, -12.8372, -35.9912
Hunter-Lab	63.8443, -29.3342, 17.8817

Details

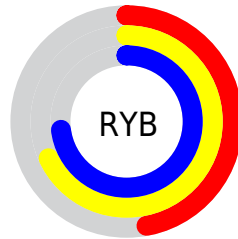
The Hex color **77BA86** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **BA77AB**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ADF2BB**, and **438454** is the 20% darker color. If you saturate the color by 10%, you get **64BA78**, and if you desaturate by 10%, it is **8ABA94**.

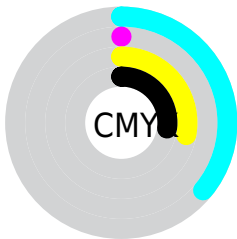
Distribution



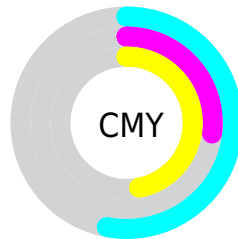
- Red (47%)
- Green (73%)
- Blue (53%)



- Red (47%)
- Yellow (68%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (28%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77BA86 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 77BA86 by changing the saturation by 10% instead.

 77BA86

 77BA86

FFFFFF

 5D9F6D

 ADF2BB

 438454

 C9FFD7

 286B3D

 E6FFF4

 085226

 003A11

 002500

 000000

 77BA86

 77BA86

 64BA78

 8ABA94

 52BA69

 9CBAA3

 3FBA5B

 AFBAB1

 2DBA4C

 C1BAC0

 1ABA3E

 D4BACE

 07BA2F

 E7BADD

 00BA2A

 F9BAEB

 FFBAF9

 FFBAFF

Harmonies

Analogous

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



A0B36D



77BA86



48BDA8

Triad

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



77BA86



76AFEF



ED938C

Complementary

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



77BA86



BA77AB

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.



EB90AE



77BA86



ADA3E8

Square

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



77BA86



37B8E5



D597D0



DF9C71

Rectangle

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



77BA86



25BDC0



D597D0



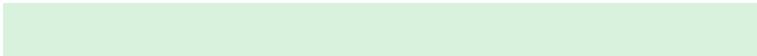
EE9197

Sweetspot

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



77BA86



D8F2DE



ABBA77



6A7A6E



FAFAFA



7A7A7A

Same Dimension

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



77BA86



8AF2A1



77BAA7



535C55



009C23



001C06

Inverse Universe

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



BA77AB



F28ADB



BA778A



5C535A



9C0079



1C0016

Previews

White Background



This preview shows how the Hex color 77BA86 looks on a white background.

Color Contrast Check

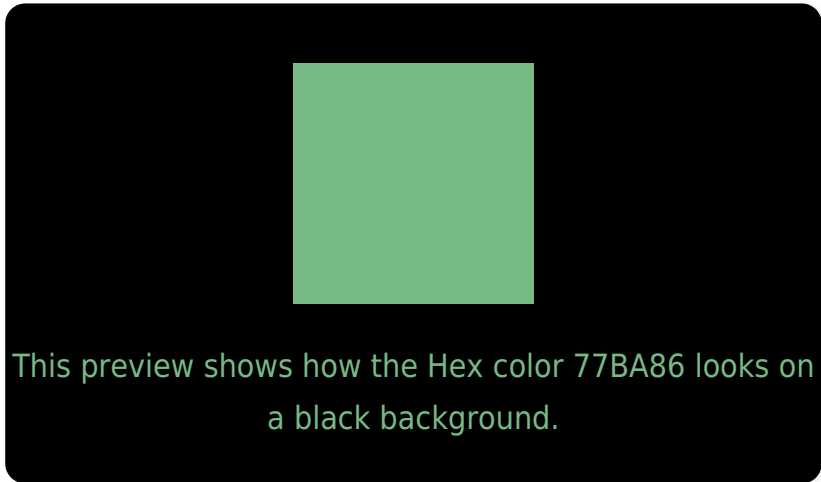
Large Text (above 18pt) WCAG AA × Fail

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

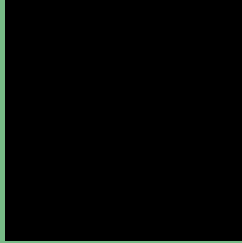
Any Text WCAG AA ✓ Pass

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 77BA86 Background



This preview shows how black text looks on a background with the Hex color 77BA86.

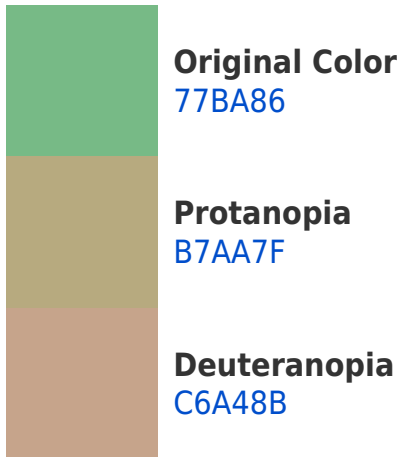


This preview shows how white text looks on a background with the Hex color 77BA86.

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](#).

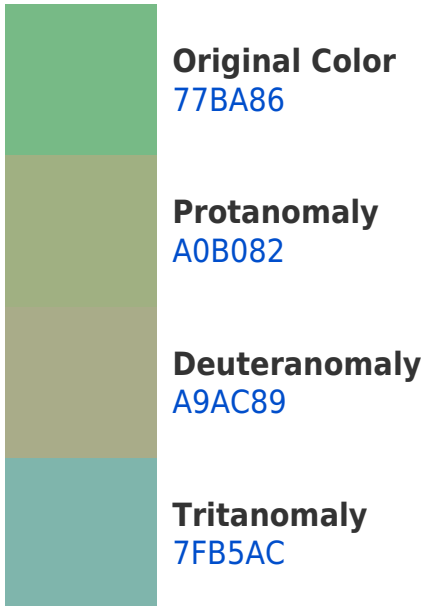
Dichromacy



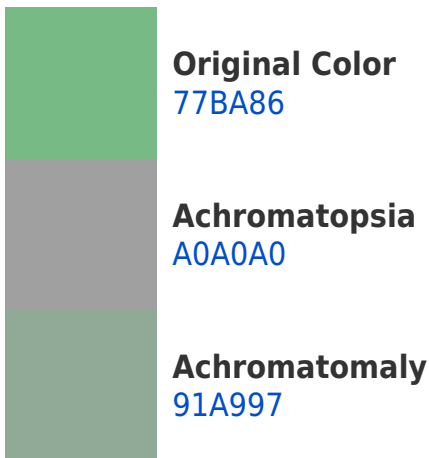


Tritanopia
83B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77BA86 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 #77BA86 looks like.

```
.text, #text, p{  
    color:#77BA86  
}
```

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 #77BA86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77BA86
}
```

Border

The CSS property to change the border of an element to Hex 77BA86 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
#77BA86 }
```

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

```
.border{ border-color:#77BA86 }
```

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

Here you see how a box with a 4 pixel #77BA86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77BA86; -webkit-box-shadow:4px 4px  
4px 4px #77BA86; box-shadow:4px 4px 4px  
4px #77BA86 }
```

Background

The CSS property to change the background color of an element to Hex 77BA86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77BA86 }
```

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

```
.background{ background-color:#77BA86 }
```

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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