

Converting Colors

Hex(76AF8B)

Have a look what the booklet for
Hex(76AF8B) contains.

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Color

Hex(76AF8B)

Conversions

Conversions Part 1	
Format	Color
Hex	76AF8B
RGB	118, 175, 139
RGB Percent	46%, 69%, 55%
CMY	0.5373, 0.3137, 0.4549
CMYK	0.33, 0.00, 0.21, 0.31
HSL	142°, 26%, 57%
HSV	142°, 33%, 69%
XYZ	27.4614, 36.3756, 29.9999
YIQ	153.8530, -22.4160, -23.2800

Conversions

Conversions Part 2

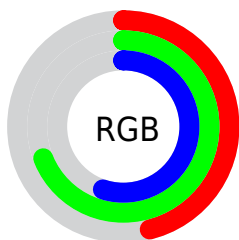
Format	Color
RYB	118, 160, 175
Decimal	7778187
CIELab	66.81, -26.38, 12.63
CIELCh	67, 29.243, 154.418
Yxy	36.3756, 0.2927, 0.3876
Android (android.graphics.Color)	4285968267 (0xFF76AF8B)
YUV	153.8530, -7.3225, -31.4431
Hunter-Lab	60.3122, -24.2715, 12.7270

Details

The Hex color **76AF8B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF769A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ACE7C1**, and **437A59** is the 20% darker color. If you saturate the color by 10%, you get **65AF80**, and if you desaturate by 10%, it is **88AF96**.

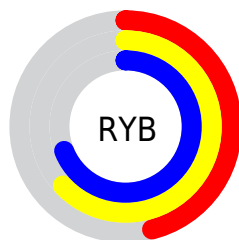
Distribution



Red (46%)

Green (69%)

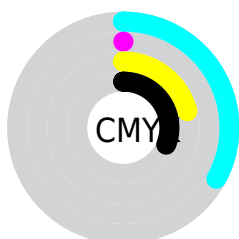
Blue (55%)



Red (46%)

Yellow (63%)

Blue (69%)

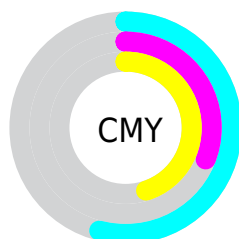


Cyan (33%)

Magenta (0%)

Yellow (21%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76AF8B 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 76AF8B by changing the saturation by 10% instead.

 76AF8B

FFFFFF

 ACE7C1

 C7FFDC

 E4FFF9

 76AF8B

 5C9471

 437A59

 2A6141

 0F492B

 003216

 001F00

 000000

 76AF8B

 65AF80

 76AF8B

 88AF96

 53AF75 99AFA1 42AF6A ABAFAC 30AF5F BCAFB7 1EAF54 CEAFC2 0DAF49 DFAFCD 00AF40 F1AFD8 FFAFE3 FFAFEE

Harmonies

Analogous

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



95AA76



76AF8B



5AB1A6

Triad

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



76AF8B



86A4D7



D59286

Complementary

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



76AF8B



AF769A

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.



D68FA0



76AF8B



AB9ACE

Square

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



76AF8B



60ABD1



C792BA



C89974

Rectangle

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



76AF8B



4EB1B7



C792BA



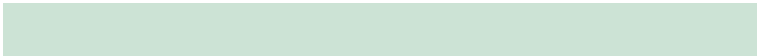
D7908E

Sweetspot

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



76AF8B



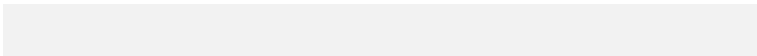
CCE3D5



9AAF76



65736A



F2F2F2



737373

Same Dimension

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



76AF8B



8AE3AB



76AFA7



4E5751



009637



001708

Inverse Universe

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



AF769A



E38AC2



AF767E



574E54



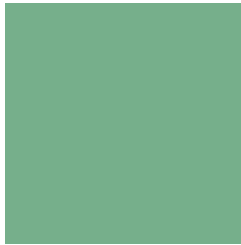
96005F



17000E

Previews

White Background



This preview shows how the Hex color 76AF8B looks on a white background.

Color Contrast Check

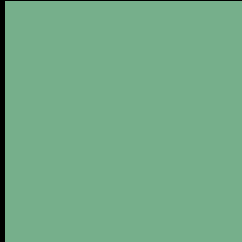
Large Text (above 18pt) WCAG AA × Fail

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 76AF8B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

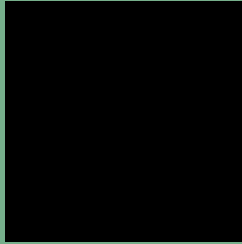
Any Text WCAG AA ✓ Pass

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 76AF8B Background



This preview shows how black text looks on a background with the Hex color 76AF8B.

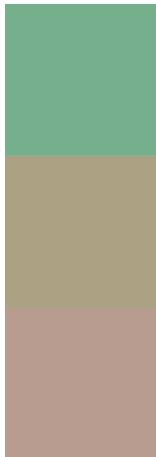


This preview shows how white text looks on a background with the Hex color 76AF8B.

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



Original Color
76AF8B

Protanopia
ABA284

Deuteranopia
B89C8F



Tritanopia
7FA9B7

Trichromacy



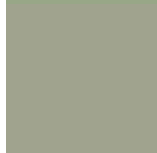
Original Color

76AF8B



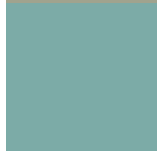
Protanomaly

98A787



Deuteranomaly

A0A38E



Tritanomaly

7CABA7

Monochromacy



Original Color

76AF8B



Achromatopsia

9A9A9A



Achromatomaly

8DA295

CSS Examples

Text

The CSS property to change the color of the text to Hex 76AF8B 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 #76AF8B looks like.

```
.text, #text, p{  
    color:#76AF8B  
}
```

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 #76AF8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AF8B
}
```

Border

The CSS property to change the border of an element to Hex 76AF8B 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
#76AF8B }
```

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

```
.border{ border-color:#76AF8B }
```

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

Here you see how a box with a 4 pixel #76AF8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AF8B; -webkit-box-shadow:4px 4px  
4px 4px #76AF8B; box-shadow:4px 4px 4px  
4px #76AF8B }
```

Background

The CSS property to change the background color of an element to Hex 76AF8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AF8B }
```

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

```
.background{ background-color:#76AF8B }
```

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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