

Converting Colors

Hex(76AF8E)

Have a look what the booklet for
Hex(76AF8E) contains.

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Color

Hex(76AF8E)

Conversions

Conversions Part 1

Format	Color
Hex	76AF8E
RGB	118, 175, 142
RGB Percent	46%, 69%, 56%
CMY	0.5373, 0.3137, 0.4431
CMYK	0.33, 0.00, 0.19, 0.31
HSL	145°, 26%, 57%
HSV	145°, 33%, 69%
XYZ	27.6837, 36.4645, 31.1705
YIQ	154.1950, -23.3790, -22.3470

Conversions

Conversions Part 2

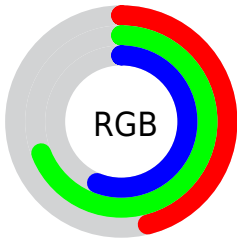
Format	Color
RYB	118, 158, 175
Decimal	7778190
CIELab	66.87, -25.78, 11.07
CIElCh	67, 28.055, 156.755
Yxy	36.4645, 0.2904, 0.3826
Android (android.graphics.Color)	4285968270 (0xFF76AF8E)
YUV	154.1950, -6.0121, -31.7430
Hunter-Lab	60.3858, -23.8425, 11.6653

Details

The Hex color **76AF8E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF7697**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ACE7C4**, and **437A5C** is the 20% darker color. If you saturate the color by 10%, you get **65AF84**, and if you desaturate by 10%, it is **88AF98**.

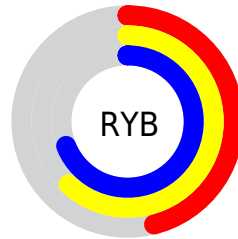
Distribution



Red (46%)

Green (69%)

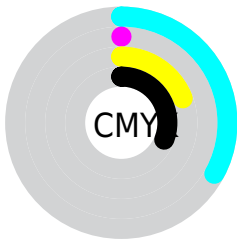
Blue (56%)



Red (46%)

Yellow (62%)

Blue (69%)

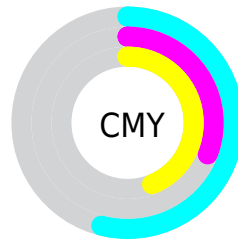


Cyan (33%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76AF8E 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 76AF8E by changing the saturation by 10% instead.



76AF8E



76AF8E

FFFFFF



5C9474



ACE7C4



437A5C



C7FFE0



2A6144



E4FFFC



0F492E



003219



001F00



000000



76AF8E



76AF8E



65AF84



88AF98

 53AF7A

 99AFA2

 42AF70

 ABAFAC

 30AF65

 BCAFB7

 1EAF5B

 CEAF C1

 0DAF51

 DFAFCB

 00AF4A

 F1AFD5

 FFAFD F

 FFAFE9

Harmonies

Analogous

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



93AA7A



76AF8E



5CB1A8

Triad

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



76AF8E



8BA3D4



D39386

Complementary

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



76AF8E



AF7697

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.



D4909E



76AF8E



AE9ACB

Square

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



76AF8E



67ABD0



C893B7



C59A75

Rectangle

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



76AF8E



53B0B8



C893B7



D5918D

Sweetspot

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



76AF8E



CCE3D6



97AF76



65736B



F2F2F2



737373

Same Dimension

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



76AF8E



8AE3B0



76AFAA



4E5752



00963F



00170A

Inverse Universe

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



AF7697



E38ABE



AF767B



574E53



960057



17000D

Previews

White Background



This preview shows how the Hex color 76AF8E looks on a white background.

Color Contrast Check

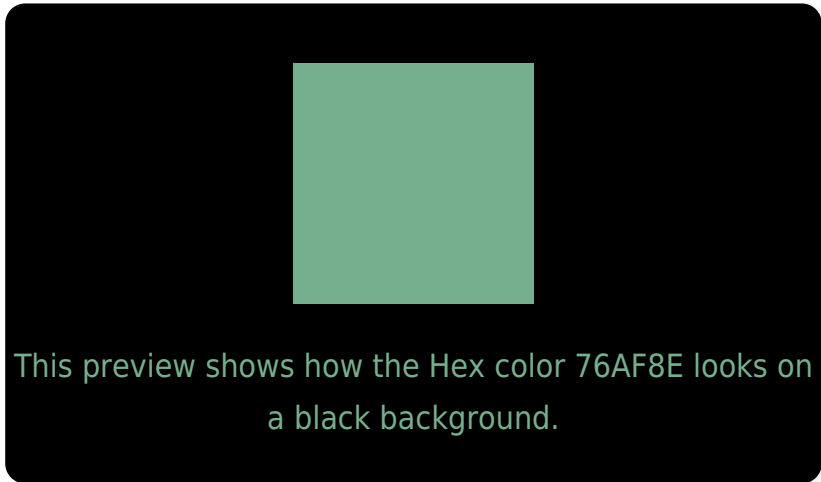
Large Text (above 18pt) WCAG AA × Fail

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

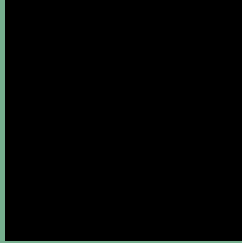
Any Text WCAG AA ✓ Pass

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 76AF8E Background



This preview shows how black text looks on a background with the Hex color 76AF8E.



This preview shows how white text looks on a background with the Hex color 76AF8E.

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](#).

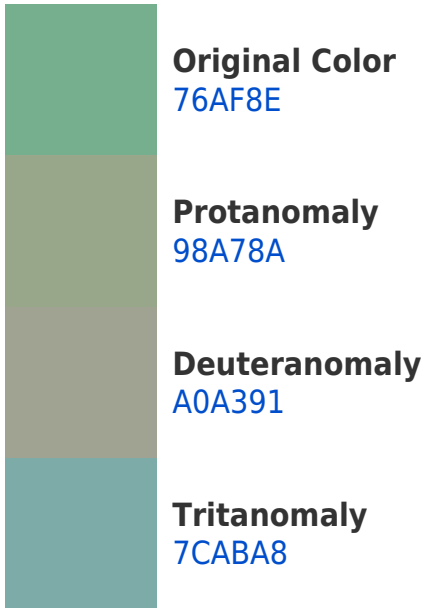
Dichromacy



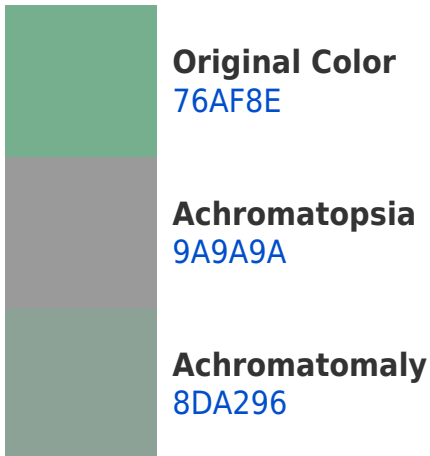


Tritanopia
7FA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76AF8E 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 #76AF8E looks like.

```
.text, #text, p{  
    color:#76AF8E  
}
```

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 #76AF8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AF8E
}
```

Border

The CSS property to change the border of an element to Hex 76AF8E 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
#76AF8E }
```

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

```
.border{ border-color:#76AF8E }
```

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

Here you see how a box with a 4 pixel #76AF8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AF8E; -webkit-box-shadow:4px 4px  
4px 4px #76AF8E; box-shadow:4px 4px 4px  
4px #76AF8E }
```

Background

The CSS property to change the background color of an element to Hex 76AF8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AF8E }
```

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

```
.background{ background-color:#76AF8E }
```

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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