

Converting Colors

Hex(76B6AE)

Have a look what the booklet for
Hex(76B6AE) contains.

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Color

Hex(76B6AE)

Conversions

Conversions Part 1

Format	Color
Hex	76B6AE
RGB	118, 182, 174
RGB Percent	46%, 71%, 68%
CMY	0.5373, 0.2863, 0.3176
CMYK	0.35, 0.00, 0.04, 0.29
HSL	172°, 30%, 59%
HSV	172°, 35%, 71%
XYZ	31.8391, 40.3634, 46.1572
YIQ	161.9520, -35.5760, -16.0560

Conversions

Conversions Part 2

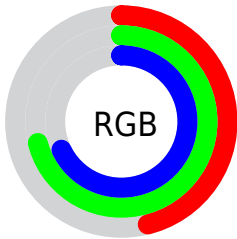
Format	Color
RYB	118, 152, 182
Decimal	7780014
CIELab	69.73, -22.26, -2.44
CIELCh	70, 22.397, 186.242
Yxy	40.3634, 0.2690, 0.3410
Android (android.graphics.Color)	4285970094 (0xFF76B6AE)
YUV	161.9520, 5.9397, -38.5459
Hunter-Lab	63.5322, -21.7262, 1.3974

Details

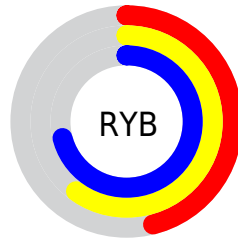
The Hex color **76B6AE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B6767E**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ACEEE5**, and **41817A** is the 20% darker color. If you saturate the color by 10%, you get **64B6AC**, and if you desaturate by 10%, it is **88B6B0**.

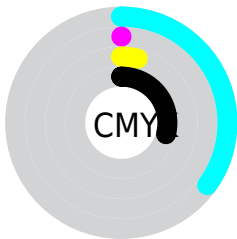
Distribution



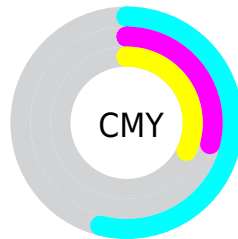
- Red (46%)
- Green (71%)
- Blue (68%)



- Red (46%)
- Yellow (60%)
- Blue (71%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (54%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B6AE 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 76B6AE by changing the saturation by 10% instead.

 76B6AE

 76B6AE

FFFFFF

 5C9B93

 ACEEE5

 41817A

 C9FFFF

 266861

 E5FFFF

 044F49

 003833

 00221E

 000005

 000000

 76B6AE

 76B6AE

64B6AC

88B6B0

52B6A9

9AB6B3

3FB6A7

ADB6B5

2DB6A5

BFB6B7

1BB6A3

D1B6B9

09B6A0

E3B6BC

00B69F

F5B6BE

FFB6C0

FFB6C2

Harmonies

Analogous

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



88B499



76B6AE



71B5C2

Triad

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



76B6AE



B3A4CB



C8A486

Complementary

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



76B6AE



B6767E

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.



D39E93



76B6AE



C89EBB

Square

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



76B6AE



98ABD2



D39CA7



B5AA82

Rectangle

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



76B6AE



78B2CB



D39CA7



CCA189

Sweetspot

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



76B6AE



D3EDEA



7FB676



687876



F7F7F7



787878

Same Dimension

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



76B6AE



8AEDE1



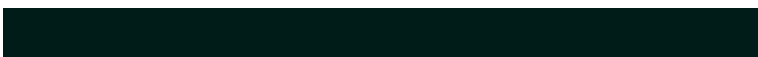
769FB6



535C5B



009C88



001C19

Inverse Universe

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



B6767E



ED8A96



B68D76



5C5354



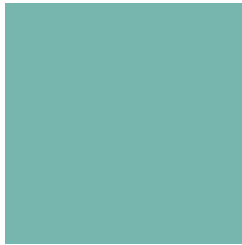
9C0013



1C0004

Previews

White Background



This preview shows how the Hex color 76B6AE looks on a white background.

Color Contrast Check

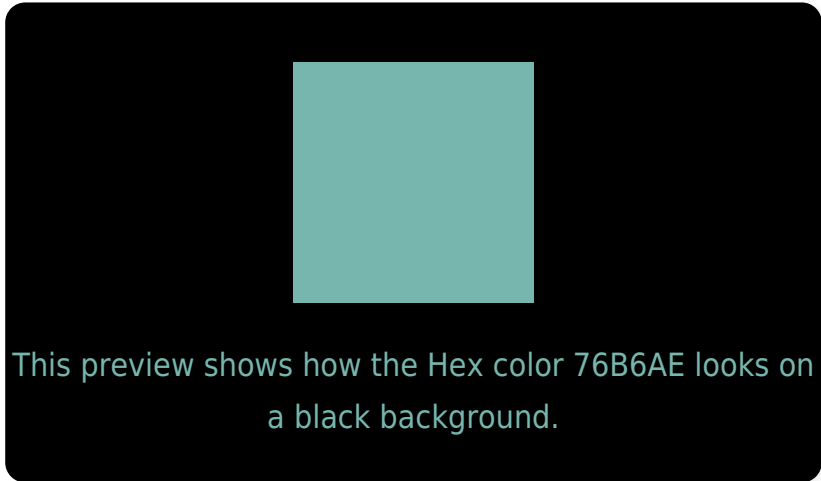
Large Text (above 18pt) WCAG AA × Fail

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

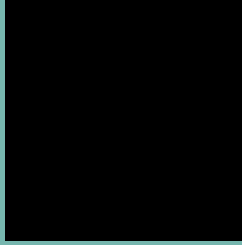
Any Text WCAG AA ✓ Pass

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 76B6AE Background



This preview shows how black text looks on a background with the Hex color 76B6AE.

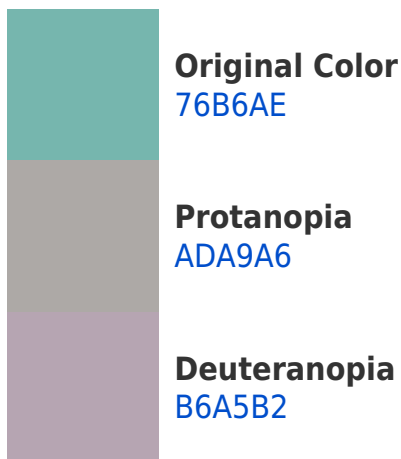


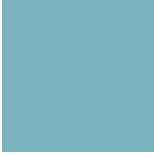
This preview shows how white text looks on a background with the Hex color 76B6AE.

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](#).

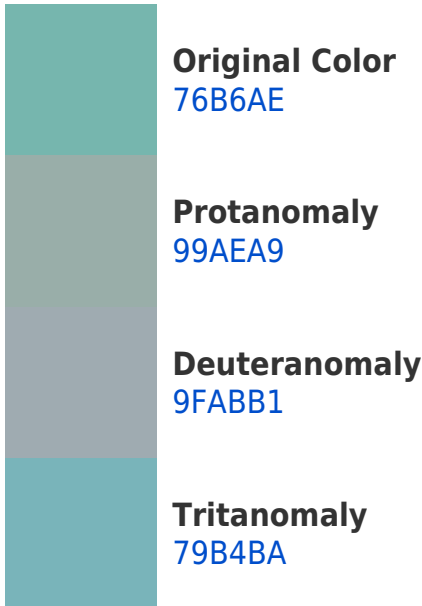
Dichromacy



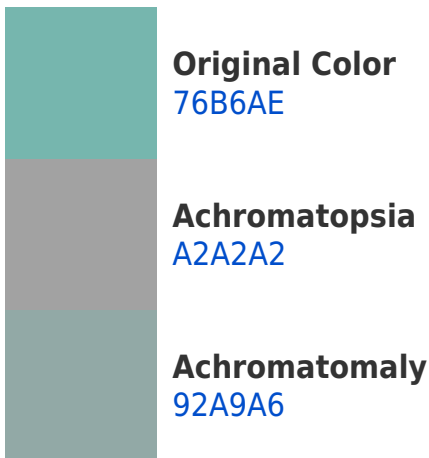


Tritanopia
7BB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B6AE 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 #76B6AE looks like.

```
.text, #text, p{  
    color:#76B6AE  
}
```

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 #76B6AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B6AE
}
```

Border

The CSS property to change the border of an element to Hex 76B6AE 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
#76B6AE }
```

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

```
.border{ border-color:#76B6AE }
```

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

Here you see how a box with a 4 pixel #76B6AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B6AE; -webkit-box-shadow:4px 4px  
4px 4px #76B6AE; box-shadow:4px 4px 4px  
4px #76B6AE }
```

Background

The CSS property to change the background color of an element to Hex 76B6AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B6AE }
```

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

```
.background{ background-color:#76B6AE }
```

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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