

Converting Colors

Hex(76C5AC)

Have a look what the booklet for
Hex(76C5AC) contains.

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Color

Hex(76C5AC)

Conversions

Conversions Part 1

Format	Color
Hex	76C5AC
RGB	118, 197, 172
RGB Percent	46%, 77%, 67%
CMY	0.5373, 0.2275, 0.3255
CMYK	0.40, 0.00, 0.13, 0.23
HSL	161°, 41%, 62%
HSV	161°, 40%, 77%
XYZ	34.8839, 46.7626, 46.2172
YIQ	170.5290, -39.0590, -24.5230

Conversions

Conversions Part 2

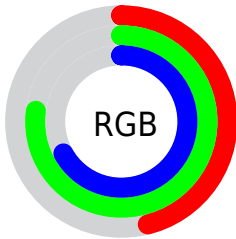
Format	Color
RYB	118, 165, 197
Decimal	7783852
CIELab	74.04, -30.11, 4.93
CIELCh	74, 30.509, 170.699
Yxy	46.7626, 0.2728, 0.3657
Android (android.graphics.Color)	4285973932 (0xFF76C5AC)
YUV	170.5290, 0.7252, -46.0679
Hunter-Lab	68.3832, -28.6136, 7.7967

Details

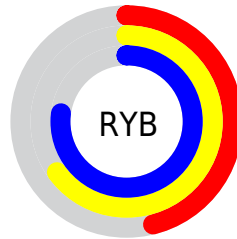
The Hex color **76C5AC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C5768F**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **ADFEE3**, and **408F78** is the 20% darker color. If you saturate the color by 10%, you get **62C5A6**, and if you desaturate by 10%, it is **8AC5B2**.

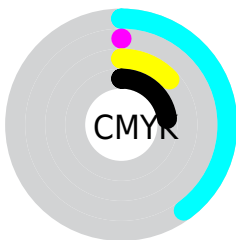
Distribution



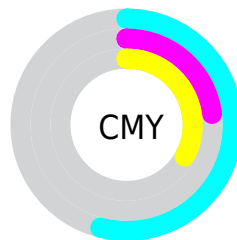
- Red (46%)
- Green (77%)
- Blue (67%)



- Red (46%)
- Yellow (65%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (13%)
- Black (23%)



- Cyan (54%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C5AC 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 76C5AC by changing the saturation by 10% instead.

 76C5AC

 76C5AC

FFFFFF

 5BAA91

 ADFEE3

 408F78

 CAFFFF

 23755F

 E7FFFF

 005C47

 004431

 002D1C

 001702

 000000

 76C5AC

 76C5AC

 62C5A6

 8AC5B2

 4FC5A0

 9DC5B8

 3BC599

 B1C5BF

 27C593

 C5C5C5

 14C58D

 D9C5CB

 00C587

 ECC5D1

 FFC5D8

 FFC5DE

 FFC5E4

Harmonies

Analogous

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



96C192



76C5AC



60C5C9

Triad

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



76C5AC



AEB2EA



E6A88C

Complementary

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



76C5AC



C5768F

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.



EEA2A4



76C5AC



D1A8DA

Square

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



76C5AC



85BBED



E8A2C0



D2B17F

Rectangle

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



76C5AC



5FC4DA



E8A2C0



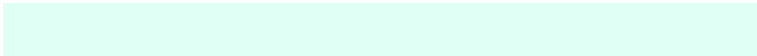
EAA693

Sweetspot

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



76C5AC



E0FFF5



8FC576



6E807A



000000



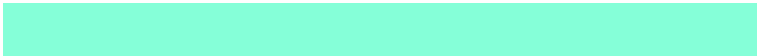
808080

Same Dimension

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



76C5AC



85FFD8



76B7C5



5A6360



00A370



002418

Inverse Universe

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



C5768F



FF85AB



C58476



635A5D



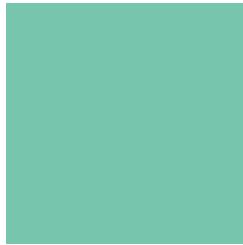
A30034



24000B

Previews

White Background



This preview shows how the Hex color 76C5AC looks on a white background.

Color Contrast Check

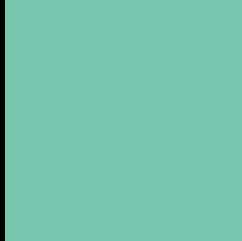
Large Text (above 18pt) WCAG AA × Fail

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 76C5AC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

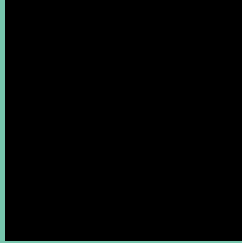
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

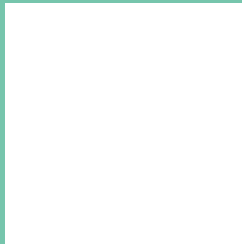
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 76C5AC Background



This preview shows how black text looks on a background with the Hex color 76C5AC.

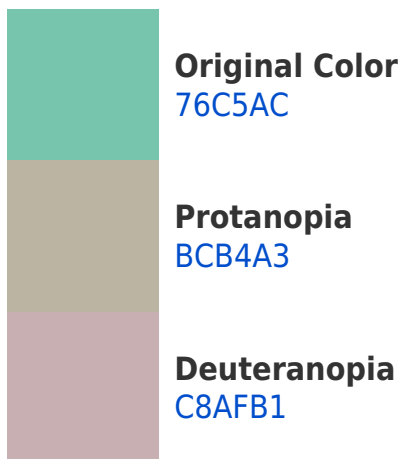


This preview shows how white text looks on a background with the Hex color 76C5AC.

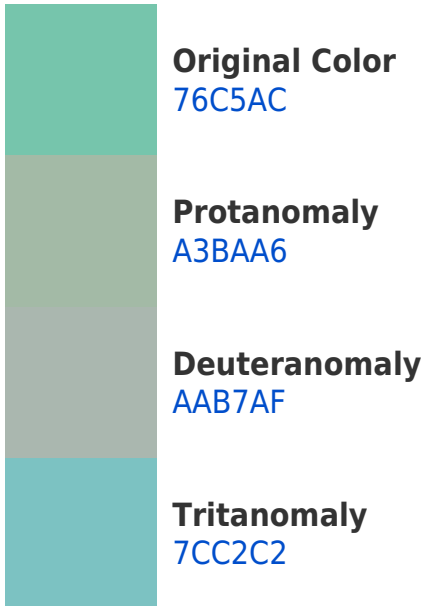
Color Blindness Simulation

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](#).

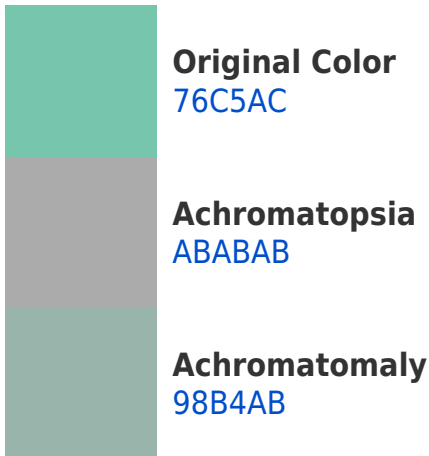
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C5AC 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 #76C5AC looks like.

```
.text, #text, p{  
    color:#76C5AC  
}
```

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 #76C5AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C5AC
}
```

Border

The CSS property to change the border of an element to Hex 76C5AC 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
#76C5AC }
```

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

```
.border{ border-color:#76C5AC }
```

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

Here you see how a box with a 4 pixel #76C5AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C5AC; -webkit-box-shadow:4px 4px  
4px 4px #76C5AC; box-shadow:4px 4px 4px  
4px #76C5AC }
```

Background

The CSS property to change the background color of an element to Hex 76C5AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C5AC }
```

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

```
.background{ background-color:#76C5AC }
```

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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