

Converting Colors

Hex(76ADC7)

Have a look what the booklet for
Hex(76ADC7) contains.

Hex(76ADC7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76ADC7)

Conversions

Conversions Part 1

Format	Color
Hex	76ADC7
RGB	118, 173, 199
RGB Percent	46%, 68%, 78%
CMY	0.5373, 0.3216, 0.2196
CMYK	0.41, 0.13, 0.00, 0.22
HSL	199°, 42%, 62%
HSV	199°, 41%, 78%
XYZ	32.7236, 37.8622, 59.6163
YIQ	159.5190, -41.1260, -3.5740

Conversions

Conversions Part 2

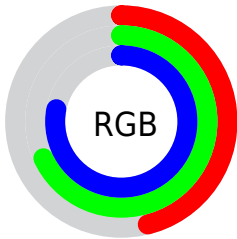
Format	Color
RYB	118, 151, 199
Decimal	7777735
CIELab	67.92, -11.28, -18.93
CIELCh	68, 22.037, 239.206
Yxy	37.8622, 0.2513, 0.2908
Android (android.graphics.Color)	4285967815 (0xFF76ADC7)
YUV	159.5190, 19.4641, -36.4122
Hunter-Lab	61.5323, -12.7531, -14.3712

Details

The Hex color **76ADC7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C79076**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ADE4FF**, and **407991** is the 20% darker color. If you saturate the color by 10%, you get **62A7C7**, and if you desaturate by 10%, it is **8AB3C7**.

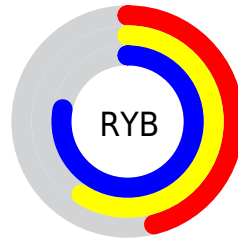
Distribution



Red (46%)

Green (68%)

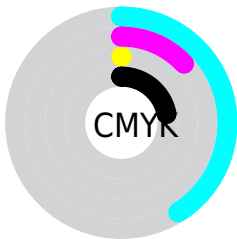
Blue (78%)



Red (46%)

Yellow (59%)

Blue (78%)

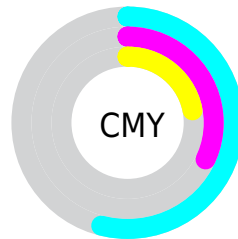


Cyan (41%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (54%)

Magenta (32%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76ADC7 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 76ADC7 by changing the saturation by 10% instead.

 76ADC7

 76ADC7

FFFFFF

 5B92AC

 ADE4FF

 407991

 C9FFFF

 236077

 E6FFFF

 00485F

 003247

 001D30

 00011C

 000000

 76ADC7

 76ADC7

62A7C7

8AB3C7

4EA0C7

9EBAC7

3A9AC7

B2C0C7

2693C7

C6C7C7

138DC7

DACDC7

0087C7

EDD3C7

FFDAC7

FFE0C7

FFE6C7

Harmonies

Analogous

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



6DB0B8



76ADC7



8DA7CD

Triad

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



76ADC7



CC97A7



A0AA83

Complementary

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



76ADC7



C79076

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.



B5A47E



76ADC7



CE9993

Square

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



76ADC7



BF9ABA



C69D84



89AF91

Rectangle

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



76ADC7



9FA3CB



C69D84



A7A880

Sweetspot

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



76ADC7



E0F5FF



76C790



6E7A80



000000



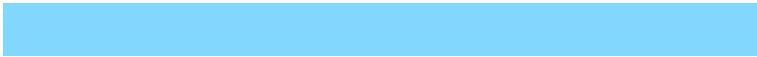
808080

Same Dimension

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



76ADC7



82D7FF



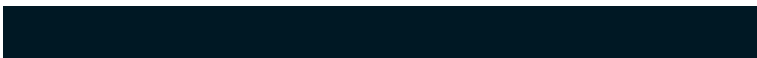
7685C7



5A6063



006FA3



001824

Inverse Universe

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



C776AD



FF82D7



C7B876



635A60



A3006F



240018

Previews

White Background



This preview shows how the Hex color 76ADC7 looks on a white background.

Color Contrast Check

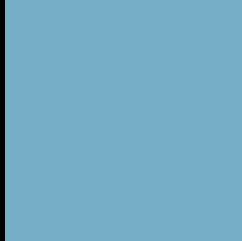
Large Text (above 18pt) WCAG AA × Fail

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 76ADC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

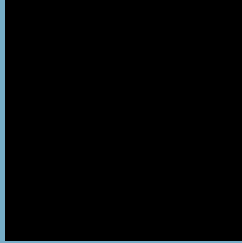
Any Text WCAG AA ✓ Pass

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 76ADC7 Background



This preview shows how black text looks on a background with the Hex color 76ADC7.

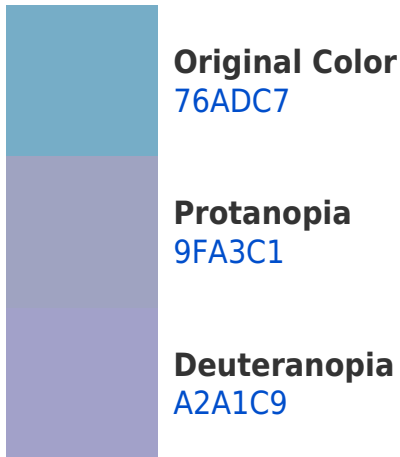


This preview shows how white text looks on a background with the Hex color 76ADC7.

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](#).

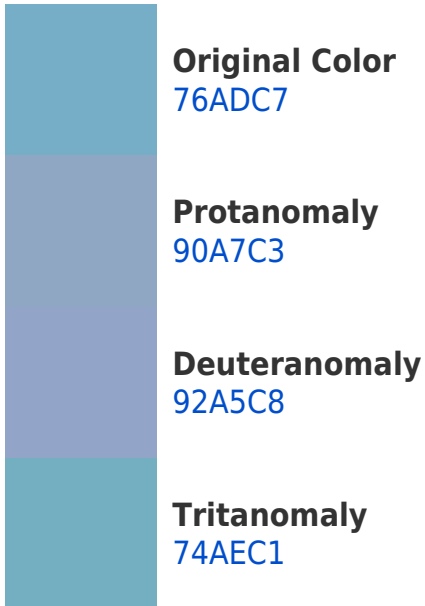
Dichromacy



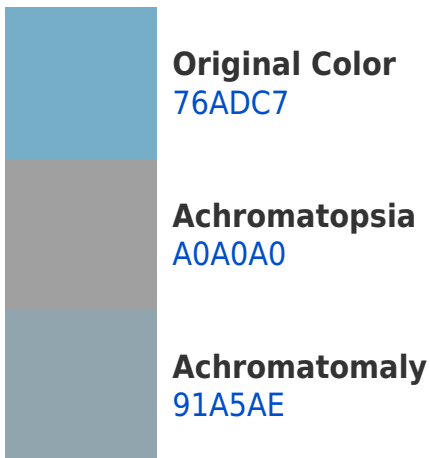


Tritanopia
73AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76ADC7 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 #76ADC7 looks like.

```
.text, #text, p{  
    color:#76ADC7  
}
```

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 #76ADC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76ADC7
}
```

Border

The CSS property to change the border of an element to Hex 76ADC7 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
#76ADC7 }
```

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

```
.border{ border-color:#76ADC7 }
```

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

Here you see how a box with a 4 pixel #76ADC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76ADC7; -webkit-box-shadow:4px 4px  
4px 4px #76ADC7; box-shadow:4px 4px 4px  
4px #76ADC7 }
```

Background

The CSS property to change the background color of an element to Hex 76ADC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76ADC7 }
```

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

```
.background{ background-color:#76ADC7 }
```

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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