

Converting Colors

Hex(76ACBF)

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

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Color

Hex(76ACBF)

Conversions

Conversions Part 1

Format	Color
Hex	76ACBF
RGB	118, 172, 191
RGB Percent	46%, 67%, 75%
CMY	0.5373, 0.3255, 0.2510
CMYK	0.38, 0.10, 0.00, 0.25
HSL	196°, 36%, 61%
HSV	196°, 38%, 75%
XYZ	31.6277, 37.1182, 54.7878
YIQ	158.0200, -38.2830, -5.5390

Conversions

Conversions Part 2

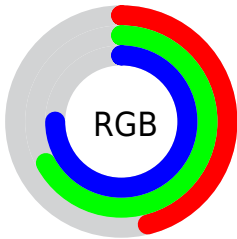
Format	Color
R _Y B	118, 149, 191
Decimal	7777471
CIE Lab	67.37, -12.85, -15.34
CIE LCh	67, 20.015, 230.045
Yxy	37.1182, 0.2560, 0.3005
Android (android.graphics.Color)	4285967551 (0xFF76ACBF)
YUV	158.0200, 16.2591, -35.0975
Hunter-Lab	60.9247, -13.9539, -10.6705

Details

The Hex color **76ACBF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BF8976**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ADE3F7**, and **41788A** is the 20% darker color. If you saturate the color by 10%, you get **63A7BF**, and if you desaturate by 10%, it is **89B1BF**.

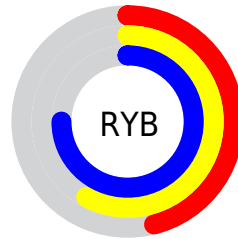
Distribution



Red (46%)

Green (67%)

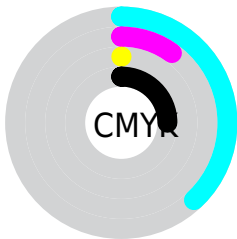
Blue (75%)



Red (46%)

Yellow (58%)

Blue (75%)

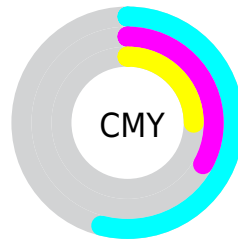


Cyan (38%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (54%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

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

 76ACBF

 76ACBF

FFFFFF

 5B91A4

 ADE3F7

 41788A

 C9FFFF

 255F70

 E6FFFF

 004758

 003140

 001C2A

 000116

 000000

 76ACBF

 76ACBF

63A7BF

89B1BF

50A2BF

9CB6BF

3D9DBF

AFBBBF

2A98BF

C2C0BF

1793BF

D6C5BF

038EBF

E9CABF

008DBF

FCCFBF

FFD4BF

FFD9BF

Harmonies

Analogous

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



73AEB0



76ACBF



87A7C7

Triad

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



76ACBF



C498AB



A5A782

Complementary

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



76ACBF



BF8976

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.



B8A181



76ACBF



CA9898

Square

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



76ACBF



B69CBB



C59B89



90AB8C

Rectangle

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



76ACBF



97A4C7



C59B89



ACA581

Sweetspot

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



76ACBF



DCF0F7



76BF88



6D797D



FCFCFC



7D7D7D

Same Dimension

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



76ACBF



86DAF7



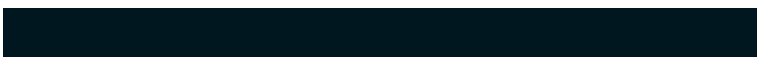
7688BF



555C5E



00759E



00171F

Inverse Universe

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



BF76AC



F786DA



BFAD76



5E555C



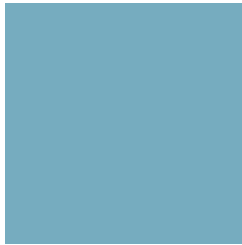
9E0075



1F0017

Previews

White Background



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

Color Contrast Check

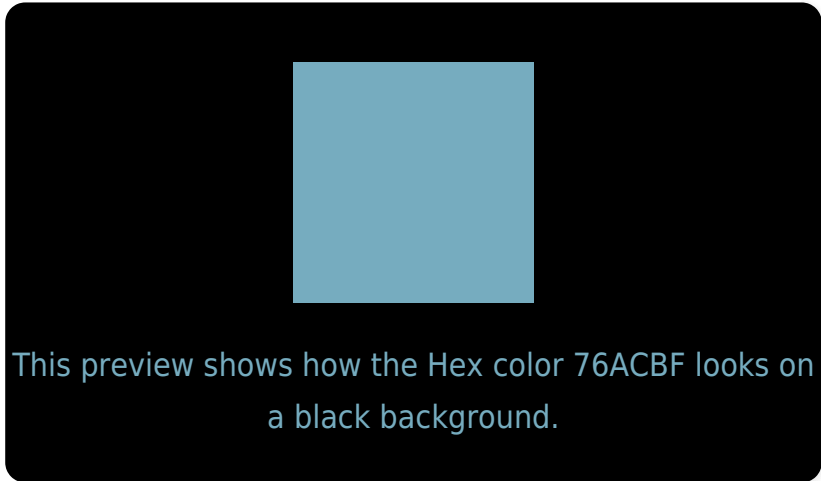
Large Text (above 18pt) WCAG AA × Fail

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

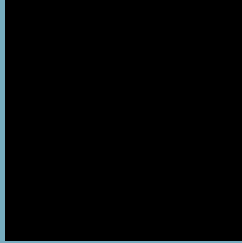
Any Text WCAG AA ✓ Pass

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 76ACBF Background



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

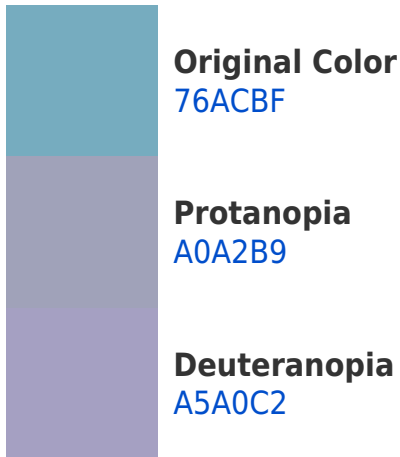


This preview shows how white text looks on a background with the Hex color 76ACBF.

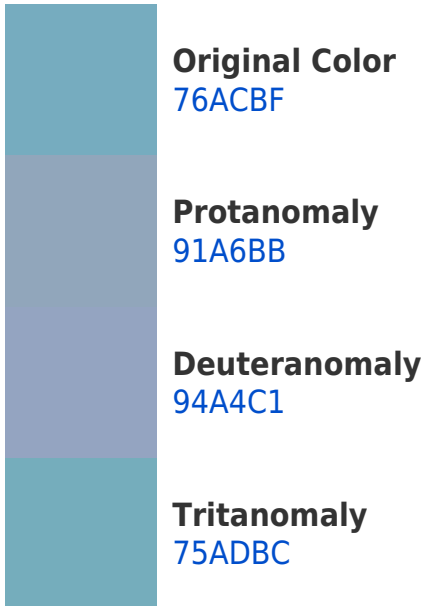
Color Blindness Simulation

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](#).

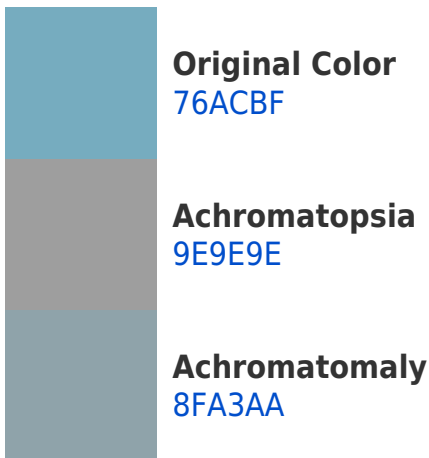
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #76ACBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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