

# Converting Colors

Hex(77ACBC)

Have a look what the booklet for  
Hex(77ACBC) contains.

<b>Hex(77ACBC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(77ACBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77ACBC
RGB	119, 172, 188
RGB Percent	47%, 67%, 74%
CMY	0.5333, 0.3255, 0.2627
CMYK	0.37, 0.09, 0.00, 0.26
HSL	194°, 34%, 60%
HSV	194°, 37%, 74%
XYZ	31.4374, 37.0578, 53.0729
YIQ	157.9770, -36.7240, -6.2600

# Conversions

## Conversions Part 2

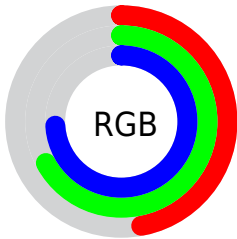
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 149, 188
Decimal	7843004
CIELab	67.32, -13.35, -13.74
CIELCh	67, 19.163, 225.820
Yxy	37.0578, 0.2586, 0.3048
Android (android.graphics.Color)	4286033084 (0xFF77ACBC)
YUV	157.9770, 14.8013, -34.1828
Hunter-Lab	60.8751, -14.3498, -9.0783

# Details

The Hex color **77ACBC** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BC8777**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **AEE3F4**, and **427887** is the 20% darker color. If you saturate the color by 10%, you get **64A8BC**, and if you desaturate by 10%, it is **8AB0BC**.

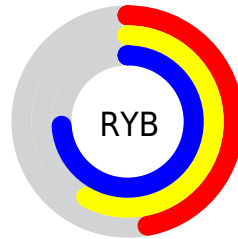
# Distribution



Red (47%)

Green (67%)

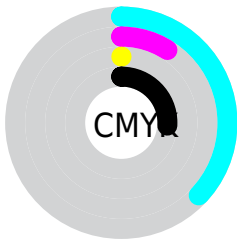
Blue (74%)



Red (47%)

Yellow (58%)

Blue (74%)

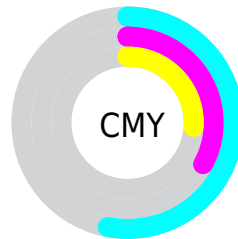


Cyan (37%)

Magenta (9%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (33%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77ACBC 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 77ACBC by changing the saturation by 10% instead.



 77ACBC

 77ACBC

FFFFFF

 5D91A1

 AEE3F4

 427887

 CAFFFF

 275F6D

 E6FFFF

 054755

 00313E

 001C28

 000113

 000000

 77ACBC

 77ACBC

64A8BC

8AB0BC

51A3BC

9DB5BC

3F9FBC

AFB9BC

2C9BBC

C2BDBC

1996BC

D5C2BC

0692BC

E8C6BC

0090BC

FBCBBC

FFCFBC

FFD3BC

# Harmonies

## Analogous

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



76AEAD



77ACBC



86A8C5

# Triad

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



77ACBC



C299AD



A8A683

# Complementary

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



77ACBC



BC8777

# 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.



B9A083



77ACBC



C8989B

# Square

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



77ACBC



B29DBC



C49B8C



94AA8B

# Rectangle

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



77ACBC



94A4C6



C49B8C



AEA482



# Sweetspot

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



77ACBC



DAEFF5



77BC86



6A777A



FAFAFA



7A7A7A



# Same Dimension

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



77ACBC



89DCF5



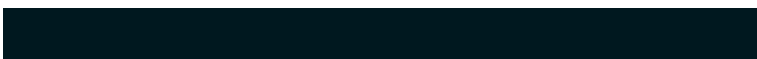
778BBC



555C5E



00799E



00181F



# Inverse Universe

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



BC77AC



F589DC



BCA877



5E555C



9E0079

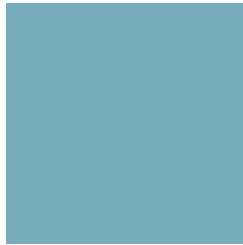


1F0018



# Previews

## White Background



This preview shows how the Hex color 77ACBC looks on a white background.

## Color Contrast Check

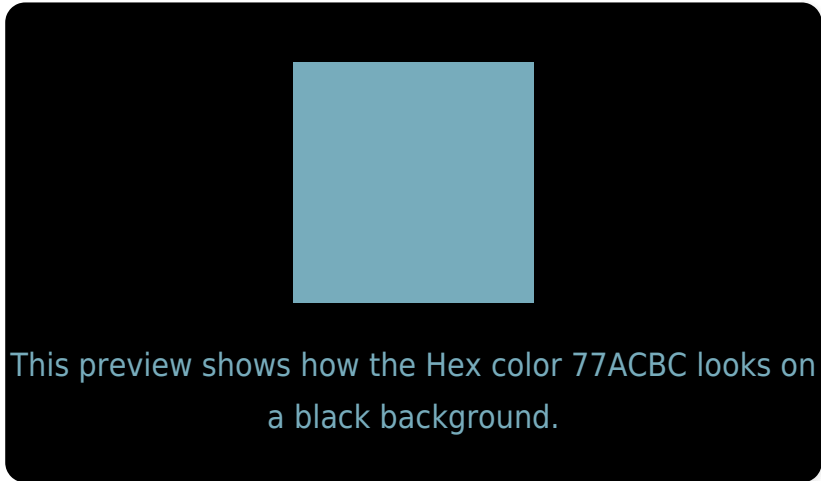
Large Text (above 18pt) WCAG AA × Fail

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 77ACBC Background



This preview shows how black text looks on a background with the Hex color 77ACBC.

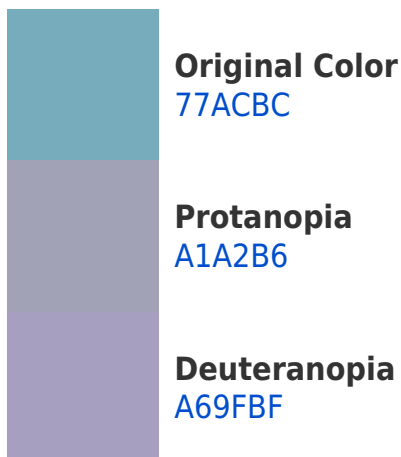


This preview shows how white text looks on a background with the Hex color 77ACBC.

# Color Blindness Simulation

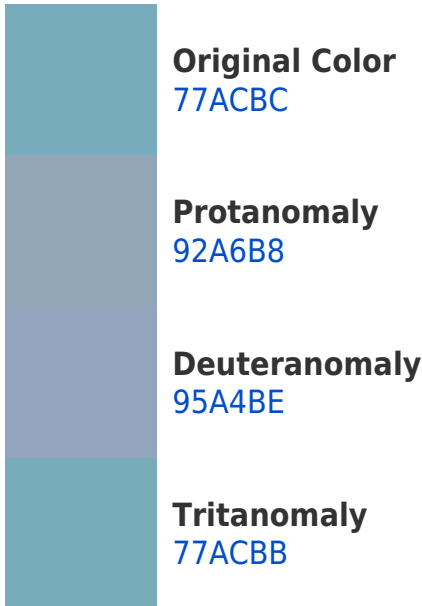
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77ACBC 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 #77ACBC looks like.

```
.text, #text, p{  
    color:#77ACBC  
}
```

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 #77ACBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77ACBC
}
```

## Border

The CSS property to change the border of an element to Hex 77ACBC 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
#77ACBC }
```

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

```
.border{ border-color:#77ACBC }
```

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

Here you see how a box with a 4 pixel #77ACBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77ACBC; -webkit-box-shadow:4px 4px  
4px 4px #77ACBC; box-shadow:4px 4px 4px  
4px #77ACBC }
```

# Background

The CSS property to change the background color of an element to Hex 77ACBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77ACBC }
```

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

```
.background{ background-color:#77ACBC }
```

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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