

# Converting Colors

Hex(77BEC0)

Have a look what the booklet for  
Hex(77BEC0) contains.

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# **Color**

**Hex(77BEC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77BEC0
RGB	119, 190, 192
RGB Percent	47%, 75%, 75%
CMY	0.5333, 0.2549, 0.2471
CMYK	0.38, 0.01, 0.00, 0.25
HSL	182°, 37%, 61%
HSV	182°, 38%, 75%
XYZ	35.5356, 44.5546, 56.5961
YIQ	168.9990, -42.9580, -14.4300

# Conversions

## Conversions Part 2

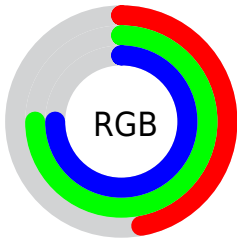
Format	Color
<a href="#">RYB</a>	<a href="#">119, 155, 192</a>
Decimal	<a href="#">7847616</a>
CIELab	<a href="#">72.60, -21.69, -8.05</a>
CIElCh	<a href="#">73, 23.132, 200.372</a>
Yxy	<a href="#">44.5546, 0.2600, 0.3260</a>
Android (android.graphics.Color)	<a href="#">4286037696</a> ( <a href="#">0xFF77BEC0</a> )
YUV	<a href="#">168.9990, 11.3395, -43.8491</a>
Hunter-Lab	<a href="#">66.7492, -21.7822, -3.5470</a>

# Details

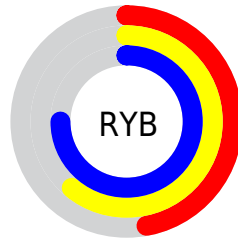
The Hex color **77BEC0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C07977**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **AEF6F8**, and **41888B** is the 20% darker color. If you saturate the color by 10%, you get **64BDC0**, and if you desaturate by 10%, it is **8ABFC0**.

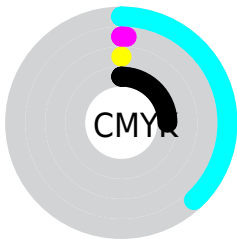
# Distribution



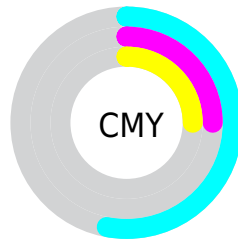
- Red (47%)
- Green (75%)
- Blue (75%)



- Red (47%)
- Yellow (61%)
- Blue (75%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77BEC0 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 77BEC0 by changing the saturation by 10% instead.



 77BEC0

 77BEC0

FFFFFF

 5CA3A5

 AEF6F8

 41888B

 CBFFFF

 236F71

 E8FFFF

 005659

 003F41

 00282B

 001117

 000000

 77BEC0

 77BEC0

64BDC0

8ABFC0

51BDC0

9DBFC0

3DBCC0

B1C0C0

2ABCC0

C4C0C0

17BBC0

D7C1C0

04BBC0

EAC1C0

00BBC0

FDC2C0

FFC2C0

FFC3C0

# Harmonies

## Analogous

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



84BEAA



77BEC0



7BBBD2

# Triad

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



77BEC0



C7A8CD



C8AE89

# Complementary

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



77BEC0



C07977

# 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.



D8A892



77BEC0



D8A4BA

# Square

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



77BEC0



ADAFDA



DEA3A4



B3B58A

# Rectangle

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



77BEC0



88B8D9



DEA3A4



CEAC8B



# Sweetspot

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



77BEC0



DEF9FA



77C078



6D7D7D



FCFCFC



7D7D7D



# Same Dimension

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



77BEC0



87F7FA



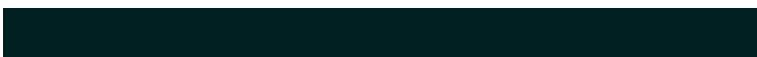
779AC0



576161



009CA1



002021



# Inverse Universe

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



C077BE



FA87F7



C09D77



615761



A1009C

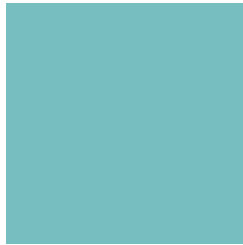


210020



# Previews

## White Background



This preview shows how the Hex color 77BEC0 looks on a white background.

## Color Contrast Check

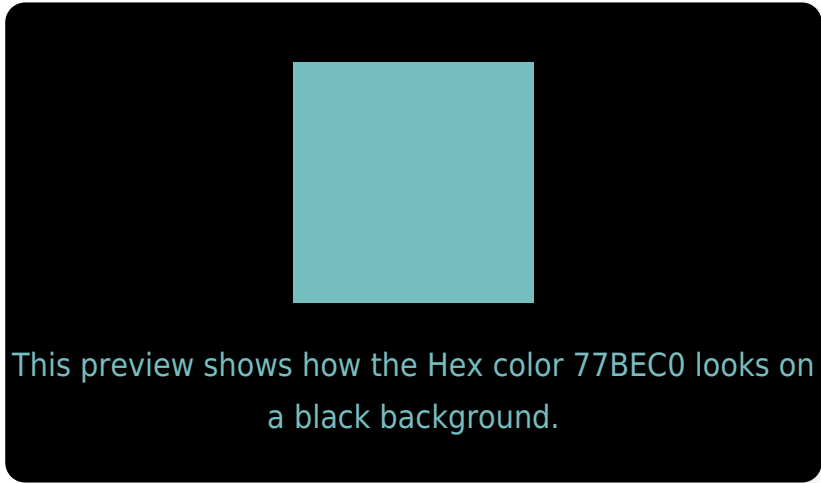
Large Text (above 18pt) WCAG AA × Fail

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

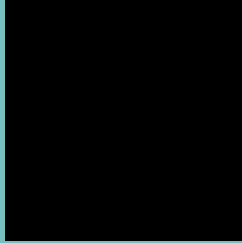
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77BEC0 Background



This preview shows how black text looks on a background with the Hex color 77BEC0.



This preview shows how white text looks on a background with the Hex color 77BEC0.

# Color Blindness Simulation

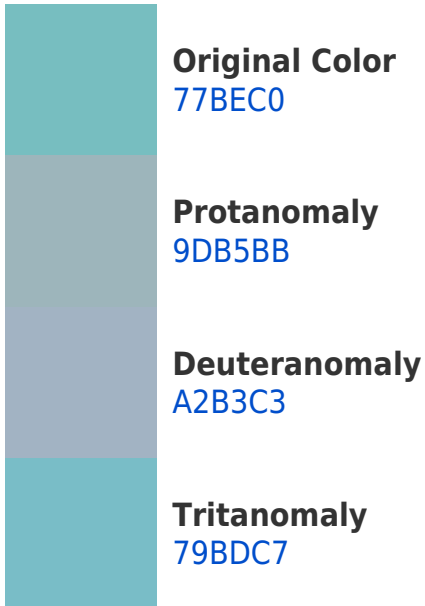
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77BEC0 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 #77BEC0 looks like.

```
.text, #text, p{  
    color:#77BEC0  
}
```

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 #77BEC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77BEC0
}
```

## Border

The CSS property to change the border of an element to Hex 77BEC0 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
#77BEC0 }
```

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

```
.border{ border-color:#77BEC0 }
```

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

Here you see how a box with a 4 pixel #77BEC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77BEC0; -webkit-box-shadow:4px 4px  
4px 4px #77BEC0; box-shadow:4px 4px 4px  
4px #77BEC0 }
```

# Background

The CSS property to change the background color of an element to Hex 77BEC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77BEC0 }
```

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

```
.background{ background-color:#77BEC0 }
```

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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