

# Converting Colors

Hex(77BECE)

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

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# Color

**Hex(77BECE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77BECE
RGB	119, 190, 206
RGB Percent	47%, 75%, 81%
CMY	0.5333, 0.2549, 0.1922
CMYK	0.42, 0.08, 0.00, 0.19
HSL	191°, 47%, 64%
HSV	191°, 42%, 81%
XYZ	37.1618, 45.2051, 65.1593
YIQ	170.5950, -47.4520, -10.0760

# Conversions

## Conversions Part 2

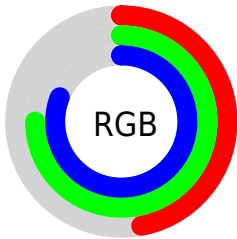
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	119, 158, 206
Decimal	7847630
CIE Lab	73.03, -18.12, -15.05
CIE LCh	73, 23.554, 219.700
Yxy	45.2051, 0.2519, 0.3064
Android (android.graphics.Color)	4286037710 (0xFF77BECE)
YUV	170.5950, 17.4547, -45.2488
Hunter-Lab	67.2347, -19.0008, -10.3955

# Details

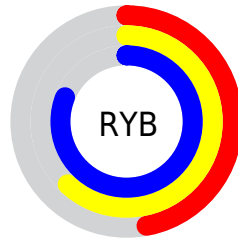
The Hex color **77BECE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CE8777**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **AFF6FF**, and **3F8898** is the 20% darker color. If you saturate the color by 10%, you get **62BACE**, and if you desaturate by 10%, it is **8CC2CE**.

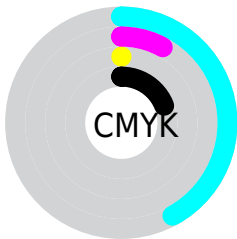
# Distribution



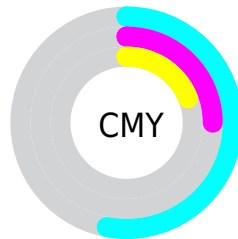
- Red (47%)
- Green (75%)
- Blue (81%)



- Red (47%)
- Yellow (62%)
- Blue (81%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (25%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 77BECE

 77BECE

FFFFFF

 5BA3B2

 AFF6FF

 3F8898

 CCFFFF

 206F7E


 E9FFFF

 005665

 003F4D

 002936

 001421

 000007

 000000

 77BECE

 77BECE

 62BACE

 8CC2CE

 4EB6CE

 A0C6CE

 39B3CE

 B5C9CE

 25AFCE

 C9CDCE

 10ABCE

 DED1CE

 00A8CE

 F3D5CE

 FFD9CE

 FFDCCE

 FFE0CE

# Harmonies

## Analogous

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



7AC0BA



77BECE



87BADB

# Triad

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



77BECE



D5A6C3



BCB489

# Complementary

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



77BECE



CE8777

# 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.



D1AD8B



77BECE



DFA4AD

# Square

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



77BECE



C0ABD4



DDA799



A4BA92

# Rectangle

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



77BECE



99B5DE



DDA799



C4B288

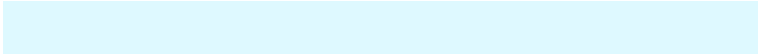


# Sweetspot

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



77BECE



DEF9FF



77CE87



6B7C80



000000



808080

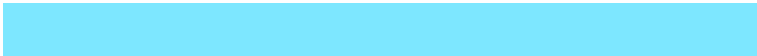


# Same Dimension

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



77BECE



7DE7FF



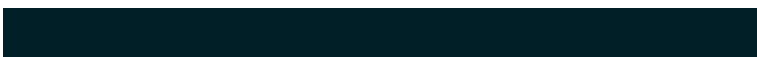
7793CE



5C6466



0087A6



001F26



# Inverse Universe

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



CE77BE



FF7DE7



CEB277



665C64



A60087

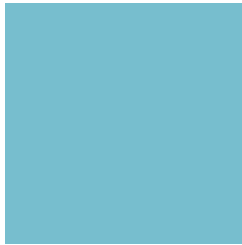


26001F



# Previews

## White Background



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

## Color Contrast Check

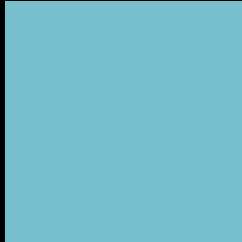
Large Text (above 18pt) WCAG AA × Fail

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 77BECE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

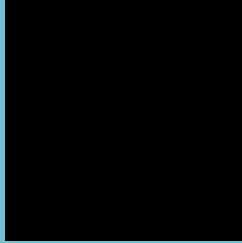
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77BECE Background



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

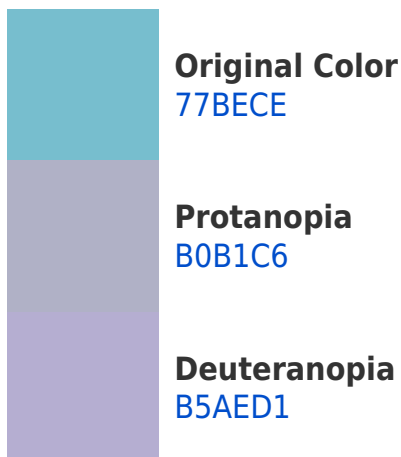


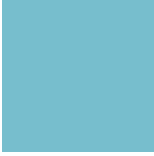
This preview shows how white text looks on a background with the Hex color 77BECE.

# 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](#).

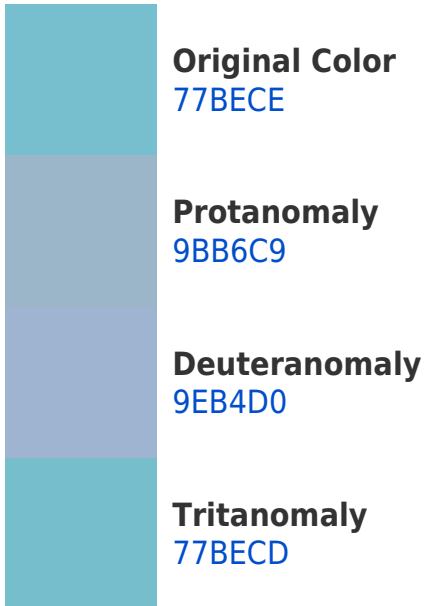
## Dichromacy



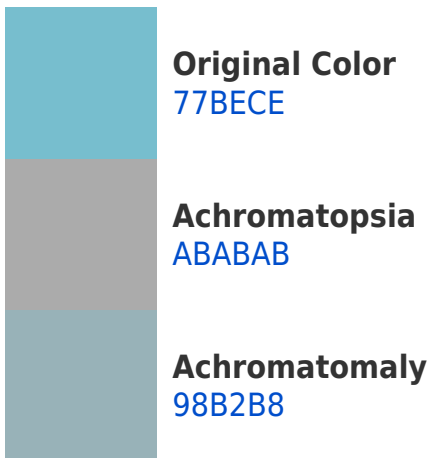


**Tritanopia**  
77BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #77BECE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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