

# Converting Colors

Hex(77BEB6)

Have a look what the booklet for  
Hex(77BEB6) contains.

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**Color**

**Hex(77BEB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77BEB6
RGB	119, 190, 182
RGB Percent	47%, 75%, 71%
CMY	0.5333, 0.2549, 0.2863
CMYK	0.37, 0.00, 0.04, 0.25
HSL	173°, 35%, 61%
HSV	173°, 37%, 75%
XYZ	34.4647, 44.1262, 50.9567
YIQ	167.8590, -39.7480, -17.5400

# Conversions

## Conversions Part 2

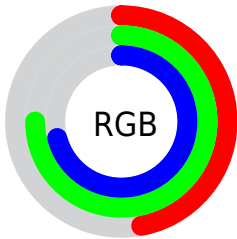
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 157, 190
Decimal	7847606
CIELab	72.31, -24.11, -3.01
CIELCh	72, 24.301, 187.126
Yxy	44.1262, 0.2660, 0.3406
Android (android.graphics.Color)	4286037686 (0xFF77BEB6)
YUV	167.8590, 6.9715, -42.8493
Hunter-Lab	66.4276, -23.6369, 1.0179

# Details

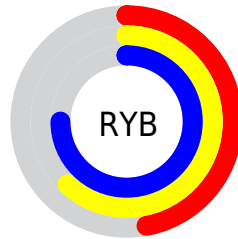
The Hex color **77BEB6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE777F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **AEF7EE**, and **418881** is the 20% darker color. If you saturate the color by 10%, you get **64BEB4**, and if you desaturate by 10%, it is **8ABEB8**.

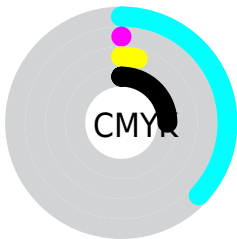
# Distribution



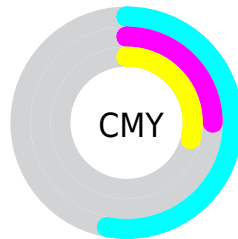
- Red (47%)
- Green (75%)
- Blue (71%)



- Red (47%)
- Yellow (62%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77BEB6 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 77BEB6 by changing the saturation by 10% instead.



 77BEB6

 77BEB6

FFFFFF

 5CA39B

 AEF7EE

 418881

 CAFFFF

 256F68

 E7FFFF

 005650

 003E39

 002824

 00100F

 000000

 77BEB6

 77BEB6

64BEB4

8ABEB8

51BEB2

9DBEBA

3EBEB0

B0BEB C

2BBEAD

C3BEBF

18BEAB

D6BEC1

05BEA9

E9BEC3

00BEA9

FCBEC5

FFBEC7

FFBEC9

# Harmonies

## Analogous

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



8BBC9F



77BEB6



72BDCB

# Triad

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



77BEB6



BCAAD5



D1AA89

# Complementary

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



77BEB6



BE777F

# 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.



DDA498



77BEB6



D3A4C3

# Square

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



77BEB6



9EB2DD



DEA1AD



BDB285

# Rectangle

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



77BEB6



7ABAD6



DEA1AD



D6A88D



# Sweetspot

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



77BEB6



DCF7F4



7FBE77



6D7D7B



FCFCFC



7D7D7D



# Same Dimension

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



77BEB6



88F7EB



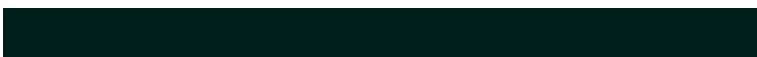
77A3BE



555E5D



009E8C



001F1B



# Inverse Universe

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



BE777F



F78895



BE9277



5E5556



9E0012

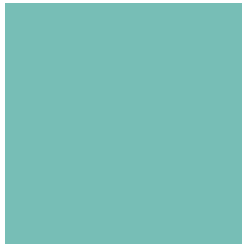


1F0003



# Previews

## White Background



This preview shows how the Hex color 77BEB6 looks on a white background.

## Color Contrast Check

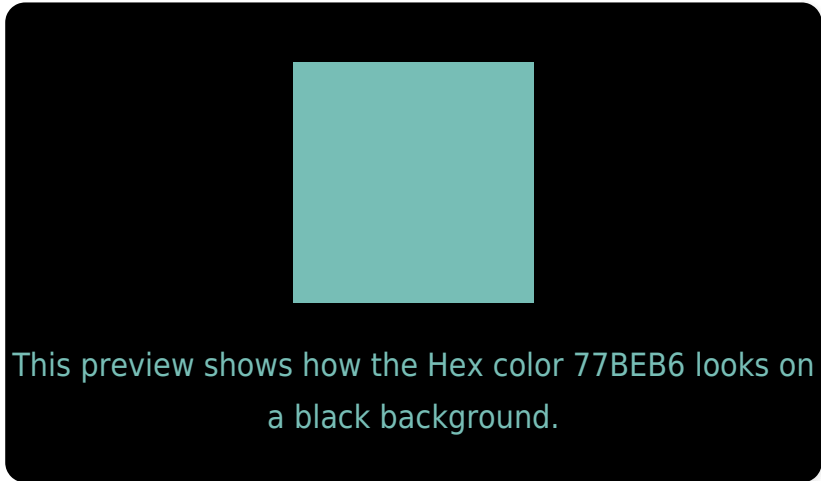
Large Text (above 18pt) WCAG AA × Fail

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

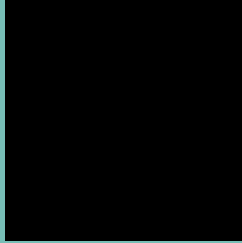
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

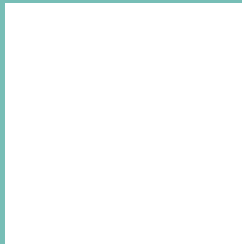
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77BEB6 Background



This preview shows how black text looks on a background with the Hex color 77BEB6.

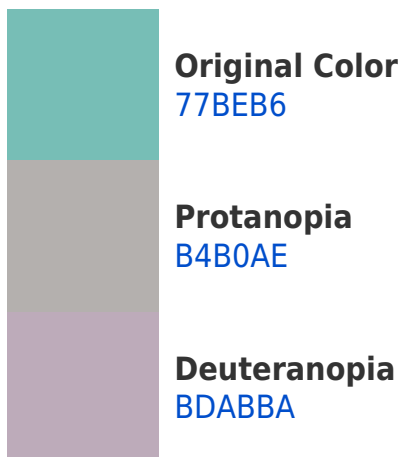


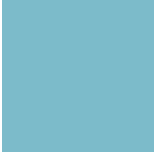
This preview shows how white text looks on a background with the Hex color 77BEB6.

# 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 77BEB6 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 #77BEB6 looks like.

```
.text, #text, p{  
    color:#77BEB6  
}
```

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 #77BEB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77BEB6
}
```

## Border

The CSS property to change the border of an element to Hex 77BEB6 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
#77BEB6 }
```

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

```
.border{ border-color:#77BEB6 }
```

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

Here you see how a box with a 4 pixel #77BEB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77BEB6; -webkit-box-shadow:4px 4px  
4px 4px #77BEB6; box-shadow:4px 4px 4px  
4px #77BEB6 }
```

# Background

The CSS property to change the background color of an element to Hex 77BEB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77BEB6 }
```

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

```
.background{ background-color:#77BEB6 }
```

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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