

Converting Colors

Hex(77B4B4)

Have a look what the booklet for
Hex(77B4B4) contains.

Hex(77B4B4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77B4B4)

Conversions

Conversions Part 1

Format	Color
Hex	77B4B4
RGB	119, 180, 180
RGB Percent	47%, 71%, 71%
CMY	0.5333, 0.2941, 0.2941
CMYK	0.34, 0.00, 0.00, 0.29
HSL	180°, 29%, 59%
HSV	180°, 34%, 71%
XYZ	32.1672, 39.8597, 49.1783
YIQ	161.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

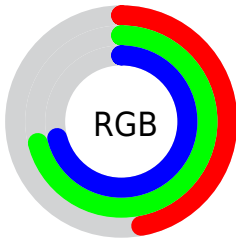
Format	Color
R_{YB}	119, 150, 180
Decimal	7845044
CIE _{Lab}	69.37, -19.53, -6.26
CIE _{LCh}	69, 20.511, 197.775
Yxy	39.8597, 0.2654, 0.3289
Android (android.graphics.Color)	4286035124 (0xFF77B4B4)
YUV	161.7610, 8.9918, -37.5014
Hunter-Lab	63.1346, -19.5393, -1.9894

Details

The Hex color **77B4B4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B47777**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AEECEC**, and **427F7F** is the 20% darker color. If you saturate the color by 10%, you get **65B4B4**, and if you desaturate by 10%, it is **89B4B4**.

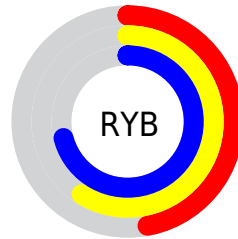
Distribution



Red (47%)

Green (71%)

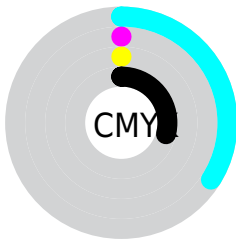
Blue (71%)



Red (47%)

Yellow (59%)

Blue (71%)

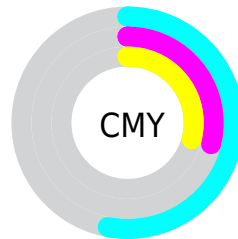


Cyan (34%)

Magenta (0%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B4B4 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 77B4B4 by changing the saturation by 10% instead.

 77B4B4

 77B4B4

FFFFFF

 5D9999

 AEECEC

 427F7F

 CAFFFF

 276666

 E6FFFF

 054E4E

 003738

 002122

 00000C

 000000

 77B4B4

 77B4B4

 65B4B4

 89B4B4

 53B4B4

 9BB4B4

 41B4B4

 ADB4B4

 2FB4B4

 BFB4B4

 1DB4B4

 D1B4B4

 0BB4B4

 E3B4B4

 00B4B4

 F5B4B4

 FFB4B4

Harmonies

Analogous

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



83B4A1



77B4B4



79B2C4

Triad

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



77B4B4



BAA1C2



BFA685

Complementary

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



77B4B4



B47777

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.



CCA08F



77B4B4



CA9DB2

Square

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



77B4B4



A3A7CD



D09D9F



ACAC86

Rectangle

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



77B4B4



83AFCB



D09D9F



C4A488

Sweetspot

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



77B4B4



D3EBEB



77B477



677575



F5F5F5



757575

Same Dimension

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



77B4B4



8AEBEB



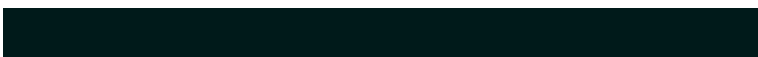
7796B4



505959



009999



001A1A

Inverse Universe

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



B477B4



EB8AEB



B49677



595059



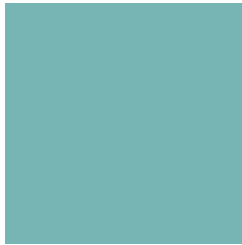
990099



1A001A

Previews

White Background



This preview shows how the Hex color 77B4B4 looks on a white background.

Color Contrast Check

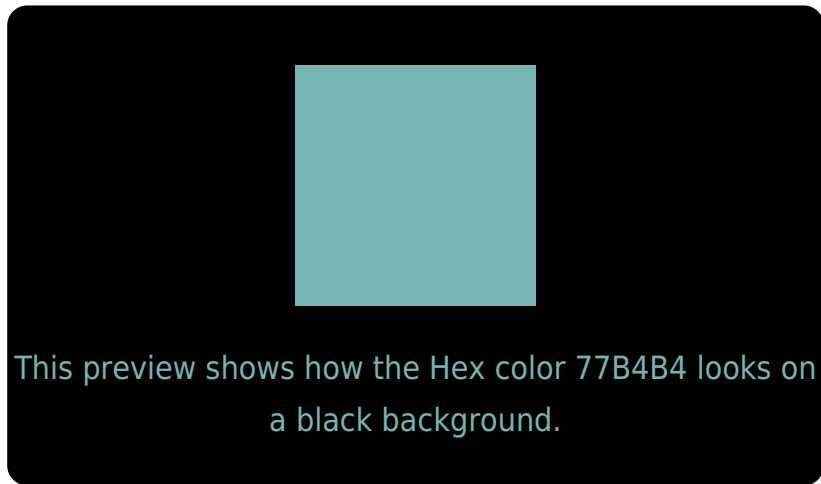
Large Text (above 18pt) WCAG AA × Fail

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

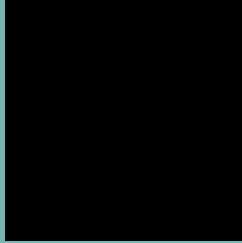
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

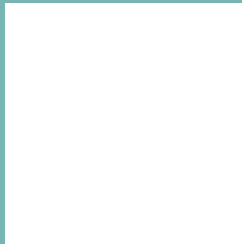
Any Text WCAG AAA ✓ Pass

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

Hex 77B4B4 Background



This preview shows how black text looks on a background with the Hex color 77B4B4.

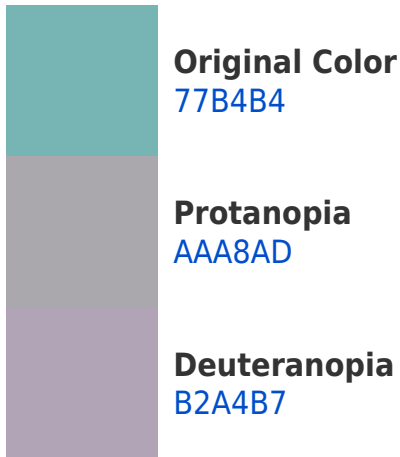


This preview shows how white text looks on a background with the Hex color 77B4B4.

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](#).

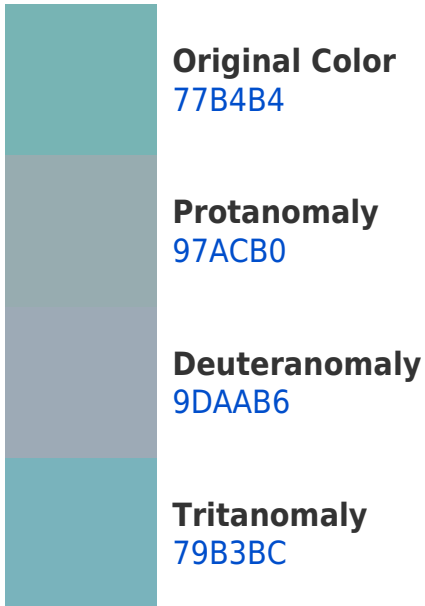
Dichromacy



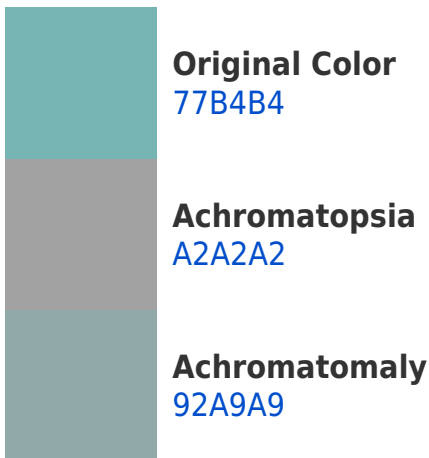


Tritanopia
7AB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B4B4 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 #77B4B4 looks like.

```
.text, #text, p{  
    color:#77B4B4  
}
```

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 #77B4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B4B4  
}
```

Border

The CSS property to change the border of an element to Hex 77B4B4 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  
#77B4B4 }
```

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

```
.border{ border-color:#77B4B4 }
```

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

Here you see how a box with a 4 pixel #77B4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B4B4; -webkit-box-shadow:4px 4px  
4px 4px #77B4B4; box-shadow:4px 4px 4px  
4px #77B4B4 }
```

Background

The CSS property to change the background color of an element to Hex 77B4B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B4B4 }
```

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

```
.background{ background-color:#77B4B4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor