

Converting Colors

Hex(77AFBD)

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

Hex(77AFBD)	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(77AFBD)

Conversions

Conversions Part 1

Format	Color
Hex	77AFBD
RGB	119, 175, 189
RGB Percent	47%, 69%, 74%
CMY	0.5333, 0.3137, 0.2588
CMYK	0.37, 0.07, 0.00, 0.26
HSL	192°, 35%, 60%
HSV	192°, 37%, 74%
XYZ	32.1230, 38.2560, 53.8352
YIQ	159.8520, -37.8700, -7.5180

Conversions

Conversions Part 2

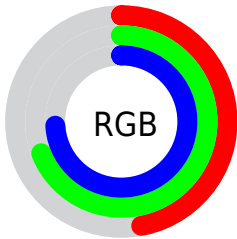
Format	Color
RYB	119, 150, 189
Decimal	7843773
CIELab	68.21, -14.69, -12.96
CIELCh	68, 19.589, 221.424
Yxy	38.2560, 0.2586, 0.3080
Android (android.graphics.Color)	4286033853 (0xFF77AFBD)
YUV	159.8520, 14.3700, -35.8272
Hunter-Lab	61.8514, -15.5346, -8.3097

Details

The Hex color **77AFBD** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BD8577**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **AEE7F5**, and **427A88** is the 20% darker color. If you saturate the color by 10%, you get **64ABBD**, and if you desaturate by 10%, it is **8AB3BD**.

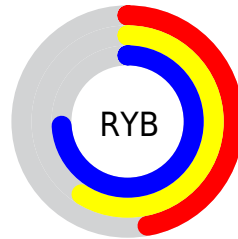
Distribution



Red (47%)

Green (69%)

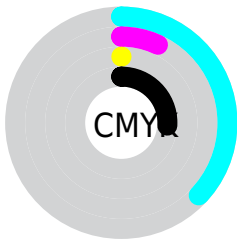
Blue (74%)



Red (47%)

Yellow (59%)

Blue (74%)

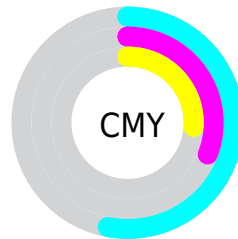


Cyan (37%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

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

 77AFBD

 77AFBD

FFFFFF

 5C94A2

 AEE7F5

 427A88

 CAFFFF

 27626E

 E7FFFF

 034A56

 00333F

 001E29

 000115

 000000

 77AFBD

 77AFBD

64ABBD

8AB3BD

51A7BD

9DB7BD

3EA4BD

B0BABD

2BA0BD

C3BEBD

199CBD

D6C2BD

0698BD

E8C6BD

0097BD

FBC9BD

FFCDBD

FFD1BD

Harmonies

Analogous

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



78B1AD



77AFBD



84ABC7

Triad

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



77AFBD



C39BB2



ADA784

Complementary

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



77AFBD



BD8577

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.



BEA185



77AFBD



CB9AA0

Square

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



77AFBD



B2A0C1



C99C90



99AC8B

Rectangle

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



77AFBD



93A8C9



C99C90



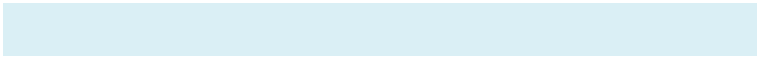
B3A583

Sweetspot

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



77AFBD



DAEFF5



77BD85



6A777A



FAFAFA



7A7A7A

Same Dimension

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



77AFBD



89DFF5



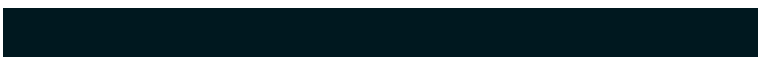
778CBD



555C5E



007E9E



00181F

Inverse Universe

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



BD77AF



F589DF



BDA877



5E555C



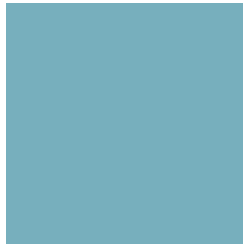
9E007E



1F0018

Previews

White Background



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

Color Contrast Check

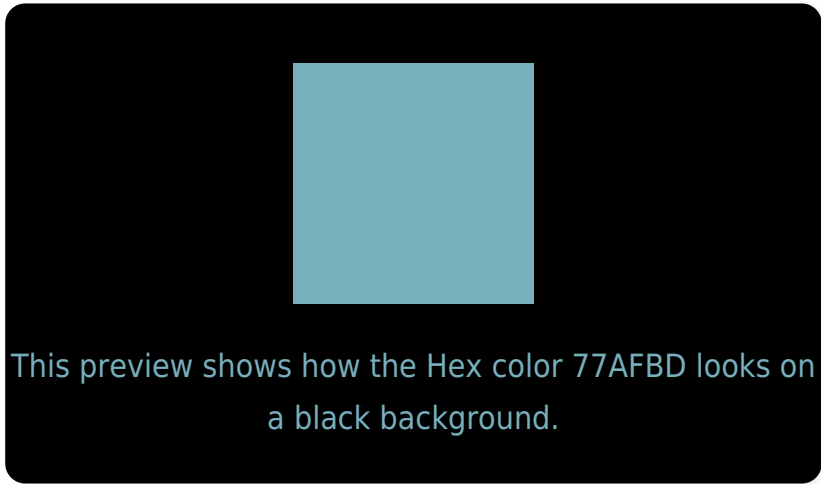
Large Text (above 18pt) WCAG AA × Fail

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

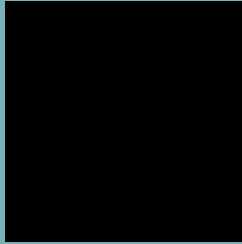
Any Text WCAG AA ✓ Pass

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 77AFBD Background



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

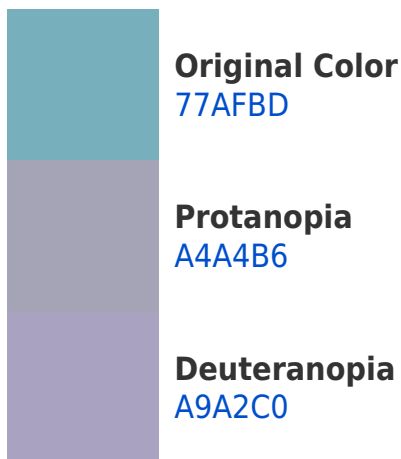


This preview shows how white text looks on a background with the Hex color 77AFBD.

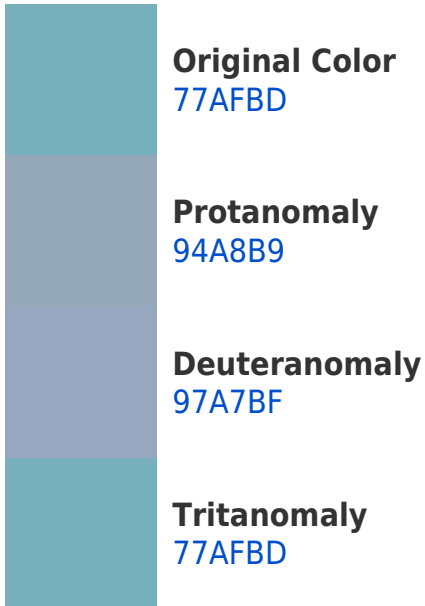
Color Blindness Simulation

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](#).

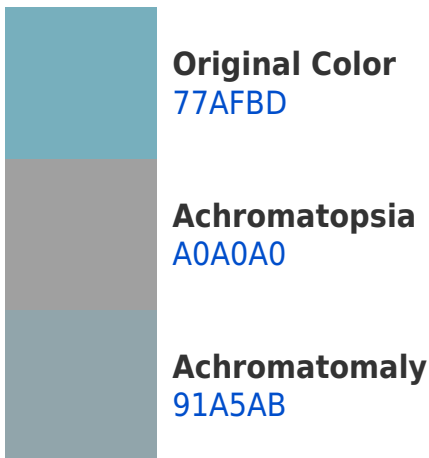
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #77AFBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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