

# Converting Colors

Hex(78CFB3)

Have a look what the booklet for  
Hex(78CFB3) contains.

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# **Color**

**Hex(78CFB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78CFB3
RGB	120, 207, 179
RGB Percent	47%, 81%, 70%
CMY	0.5294, 0.1882, 0.2980
CMYK	0.42, 0.00, 0.14, 0.19
HSL	161°, 48%, 64%
HSV	161°, 42%, 81%
XYZ	38.1952, 51.8734, 50.6473
YIQ	177.7950, -42.8640, -27.1520

# Conversions

## Conversions Part 2

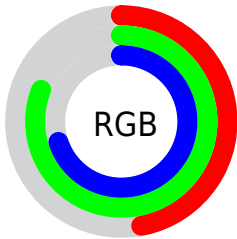
Format	Color
<a href="#">RYB</a>	<a href="#">120, 172, 207</a>
Decimal	<a href="#">7917491</a>
CIELab	<a href="#">77.21, -32.77, 5.74</a>
CIELCh	<a href="#">77, 33.272, 170.074</a>
Yxy	<a href="#">51.8734, 0.2714, 0.3686</a>
Android (android.graphics.Color)	<a href="#">4286107571 (0xFF78CFB3)</a>
YUV	<a href="#">177.7950, 0.5941, -50.6862</a>
Hunter-Lab	<a href="#">72.0232, -31.3787, 8.7230</a>

# Details

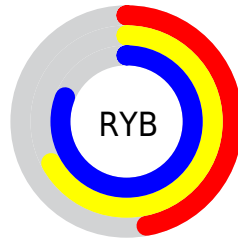
The Hex color **78CFB3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF7894**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B0FFEB**, and **41987E** is the 20% darker color. If you saturate the color by 10%, you get **63CFAC**, and if you desaturate by 10%, it is **8DCFBA**.

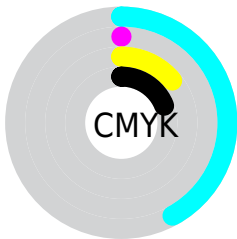
# Distribution



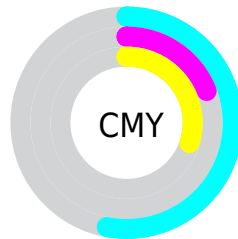
- Red (47%)
- Green (81%)
- Blue (70%)



- Red (47%)
- Yellow (67%)
- Blue (81%)



- Cyan (42%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)



- Cyan (53%)
- Magenta (19%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78CFB3 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 78CFB3 by changing the saturation by 10% instead.



 78CFB3

 78CFB3

FFFFFF

 5CB398

 B0FFEB

 41987E

 CDFFFF

 227E65

 EAFFFF

 00644D

 004C37

 003421

 00210B

 000000

 78CFB3

 78CFB3

 63CFAC

 8DCFBA

 4FCFA6


 A1CFC0

 3ACF9F

 B6CFC7

 25CF98

 CBCFCE

 11CF92

 DFCFD4

 00CF8C

 F4CFDB

 FFCFE2

 FFCFE8

 FFCFEF

# Harmonies

## Analogous

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



9CCB96



78CFB3



5DCFD3

# Triad

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



78CFB3



B5BAF8



F4AF91

# Complementary

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



78CFB3



CF7894

# 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.



FCA8AB



78CFB3



DCB0E7

# Square

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



78CFB3



87C5FB



F5A9CA



DEB982

# Rectangle

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



78CFB3



5BCEE5



F5A9CA



F8AC98

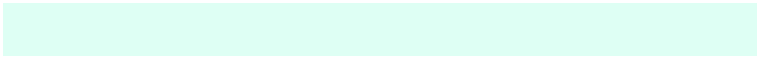


# Sweetspot

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



78CFB3



DEFFF4



95CF78



6B8079



000000



808080

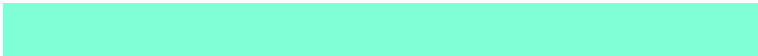


# Same Dimension

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



78CFB3



80FFD6



78C1CF



5E6965



00A872



00291C



# Inverse Universe

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



CF7894



FF80A9



CF8778



695E61



A80036

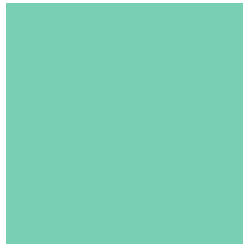


29000D



# Previews

## White Background



This preview shows how the Hex color 78CFB3 looks on a white background.

## Color Contrast Check

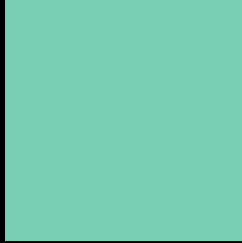
Large Text (above 18pt) WCAG AA × Fail

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 78CFB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

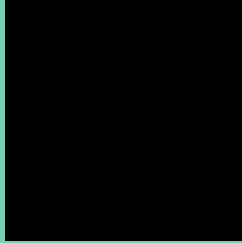
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 78CFB3 Background



This preview shows how black text looks on a background with the Hex color 78CFB3.

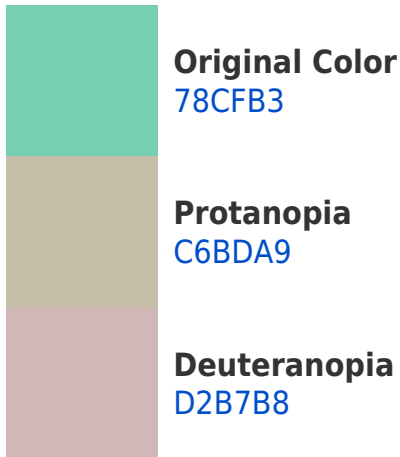


This preview shows how white text looks on a background with the Hex color 78CFB3.

# 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](#).

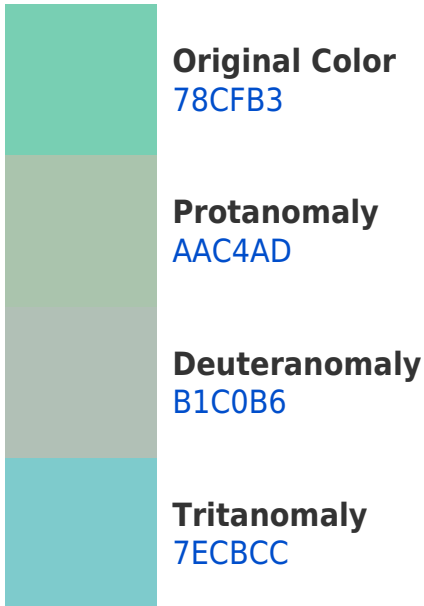
## Dichromacy





**Tritanopia**  
82C9DA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78CFB3 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 #78CFB3 looks like.

```
.text, #text, p{  
    color:#78CFB3  
}
```

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 #78CFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78CFB3
}
```

## Border

The CSS property to change the border of an element to Hex 78CFB3 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
#78CFB3 }
```

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

```
.border{ border-color:#78CFB3 }
```

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

Here you see how a box with a 4 pixel #78CFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78CFB3; -webkit-box-shadow:4px 4px  
4px 4px #78CFB3; box-shadow:4px 4px 4px  
4px #78CFB3 }
```

# Background

The CSS property to change the background color of an element to Hex 78CFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78CFB3 }
```

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

```
.background{ background-color:#78CFB3 }
```

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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