

Converting Colors

Hex(78C3B5)

Have a look what the booklet for
Hex(78C3B5) contains.

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Color

Hex(78C3B5)

Conversions

Conversions Part 1

Format	Color
Hex	78C3B5
RGB	120, 195, 181
RGB Percent	47%, 76%, 71%
CMY	0.5294, 0.2353, 0.2902
CMYK	0.38, 0.00, 0.07, 0.24
HSL	169°, 38%, 62%
HSV	169°, 38%, 76%
XYZ	35.6013, 46.3595, 50.7879
YIQ	170.9790, -40.2060, -20.2540

Conversions

Conversions Part 2

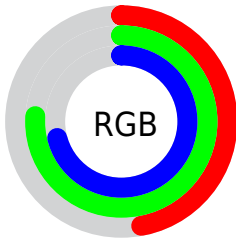
Format	Color
R_{YB}	120, 161, 195
Decimal	7914421
CIE _{Lab}	73.78, -26.55, -0.32
CIE _{LCh}	74, 26.554, 180.683
Y _{xy}	46.3595, 0.2682, 0.3492
Android (android.graphics.Color)	4286104501 (0xFF78C3B5)
YUV	170.9790, 4.9404, -44.7086
Hunter-Lab	68.0878, -25.8207, 3.4359

Details

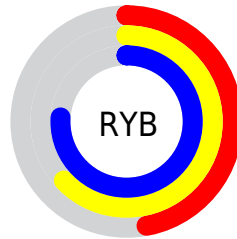
The Hex color **78C3B5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C37886**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **AFFCED**, and **428D80** is the 20% darker color. If you saturate the color by 10%, you get **64C3B1**, and if you desaturate by 10%, it is **8BC3B9**.

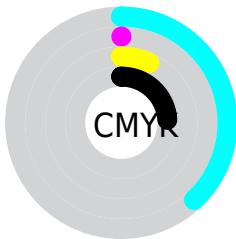
Distribution



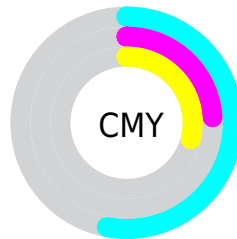
- Red (47%)
- Green (76%)
- Blue (71%)



- Red (47%)
- Yellow (63%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C3B5 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 78C3B5 by changing the saturation by 10% instead.

 78C3B5

 78C3B5

FFFFFF

 5DA89A

 AFFCED

 428D80

 CCFFFF

 257367

 E9FFFF

 005A4F

 004238

 002C23

 00160D

 000000

 78C3B5

 78C3B5

 64C3B1

 8BC3B9

 51C3AE

 9FC3BC

 3EC3AA

 B3C3C0

 2AC3A6

 C6C3C4

 17C3A3

 DAC3C7

 03C39F

 EDC3CB

 00C39F

 FFC3CE

 FFC3D2

 FFC3D6

Harmonies

Analogous

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



90C19D



78C3B5



6DC2CD

Triad

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



78C3B5



BAAFDF



DBAC8C

Complementary

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



78C3B5



C37886

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.



E6A59E



78C3B5



D5A7CE

Square

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



78C3B5



98B7E6



E5A4B6



C7B485

Rectangle

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



78C3B5



73C0DA



E5A4B6



E0A991

Sweetspot

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



78C3B5



DEFCF7



87C378



6E807C



000000



808080

Same Dimension

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



78C3B5



88FCE7



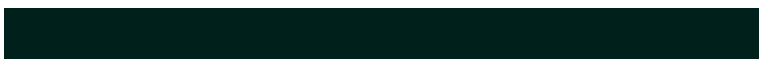
78ACC3



57615F



00A183



00211B

Inverse Universe

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



C37886



FC889E



C38F78



615759



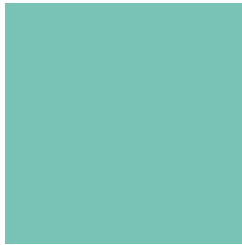
A1001E



210006

Previews

White Background



This preview shows how the Hex color 78C3B5 looks on a white background.

Color Contrast Check

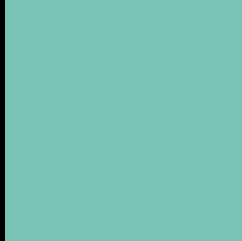
Large Text (above 18pt) WCAG AA × Fail

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 78C3B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

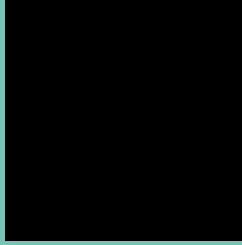
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

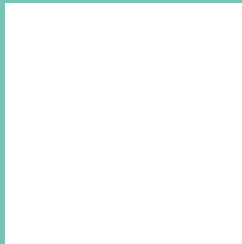
Any Text WCAG AAA ✓ Pass

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

Hex 78C3B5 Background



This preview shows how black text looks on a background with the Hex color 78C3B5.

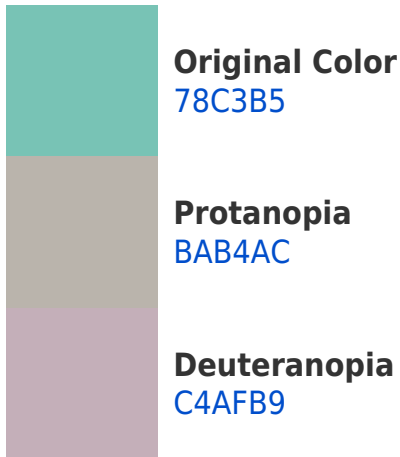


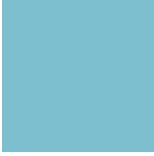
This preview shows how white text looks on a background with the Hex color 78C3B5.

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
7EBFCF

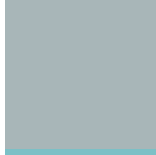
Trichromacy



Original Color
78C3B5



Protanomaly
A2B9AF



Deuteranomaly
A8B6B8

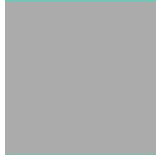


Tritanomaly
7CC0C6

Monochromacy



Original Color
78C3B5



Achromatopsia
ABABAB



Achromatomaly
98B4AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 78C3B5 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 #78C3B5 looks like.

```
.text, #text, p{  
    color:#78C3B5  
}
```

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 #78C3B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C3B5
}
```

Border

The CSS property to change the border of an element to Hex 78C3B5 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
#78C3B5 }
```

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

```
.border{ border-color:#78C3B5 }
```

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

Here you see how a box with a 4 pixel #78C3B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C3B5; -webkit-box-shadow:4px 4px  
4px 4px #78C3B5; box-shadow:4px 4px 4px  
4px #78C3B5 }
```

Background

The CSS property to change the background color of an element to Hex 78C3B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C3B5 }
```

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

```
.background{ background-color:#78C3B5 }
```

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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