

Converting Colors

Hex(7EB7B6)

Have a look what the booklet for
Hex(7EB7B6) contains.

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Color

Hex(7EB7B6)

Conversions

Conversions Part 1

Format	Color
Hex	7EB7B6
RGB	126, 183, 182
RGB Percent	49%, 72%, 71%
CMY	0.5059, 0.2824, 0.2863
CMYK	0.31, 0.00, 0.01, 0.28
HSL	179°, 28%, 61%
HSV	179°, 31%, 72%
XYZ	33.9812, 41.6800, 50.5100
YIQ	165.8430, -33.6510, -12.3950

Conversions

Conversions Part 2

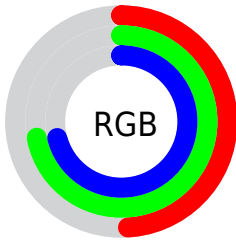
Format	Color
R_{YB}	126, 155, 183
Decimal	8304566
CIE _{Lab}	70.65, -18.62, -5.43
CIE _{LCh}	71, 19.394, 196.250
Yxy	41.6800, 0.2693, 0.3303
Android (android.graphics.Color)	4286494646 (0xFF7EB7B6)
YUV	165.8430, 7.9654, -34.9423
Hunter-Lab	64.5600, -19.0266, -1.1948

Details

The Hex color **7EB7B6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B77E7F**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B5EFEE**, and **4A8281** is the 20% darker color. If you saturate the color by 10%, you get **6CB7B6**, and if you desaturate by 10%, it is **90B7B6**.

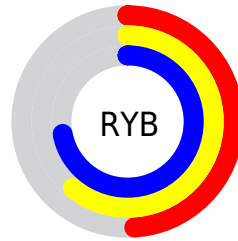
Distribution



Red (49%)

Green (72%)

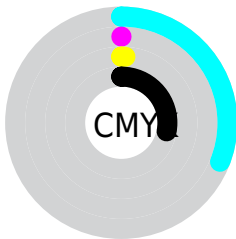
Blue (71%)



Red (49%)

Yellow (61%)

Blue (72%)

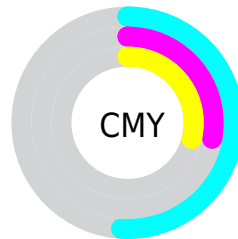


Cyan (31%)

Magenta (0%)

Yellow (1%)

Black (28%)



Cyan (51%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EB7B6 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 7EB7B6 by changing the saturation by 10% instead.

 7EB7B6

 7EB7B6

FFFFFF

 649C9B

 B5EFEE

 4A8281

 D1FFFF

 306968

 EEEFFF

 135050

 003939

 002324

 00050F

 000000

 7EB7B6

 7EB7B6

 6CB7B6

 90B7B6

 59B7B5

 A3B7B7

 47B7B5

 B5B7B7

 35B7B5

 C7B7B7

 23B7B4

 DAB7B8

 10B7B4

 ECB7B8

 00B7B4

 FEB7B8

 FFB7B9

Harmonies

Analogous

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



8AB6A4



7EB7B6



7FB5C6

Triad

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



7EB7B6



BCA5C5



C2A98B

Complementary

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



7EB7B6



B77E7F

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.



CEA494



7EB7B6



CBA1B6

Square

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



7EB7B6



A5ABCE



D2A1A4



B0AF8B

Rectangle

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



7EB7B6



88B2CD



D2A1A4



C7A78D

Sweetspot

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



7EB7B6



D8EDED



80B77E



6B7878



F7F7F7



787878

Same Dimension

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



7EB7B6



95EDEC



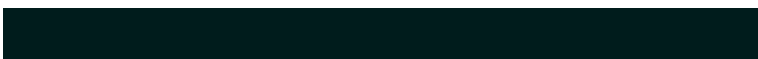
7E9CB7



535C5C



009C99



001C1C

Inverse Universe

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



B77E7F



ED9597



B7997E



5C5353



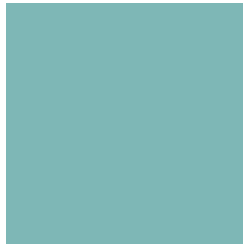
9C0003



1C0000

Previews

White Background



This preview shows how the Hex color 7EB7B6 looks on a white background.

Color Contrast Check

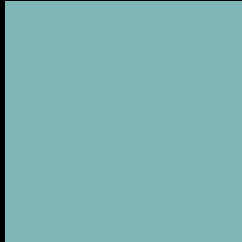
Large Text (above 18pt) WCAG AA × Fail

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 7EB7B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

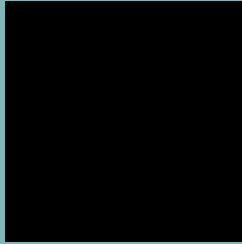
Any Text WCAG AA ✓ Pass

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 7EB7B6 Background



This preview shows how black text looks on a background with the Hex color 7EB7B6.

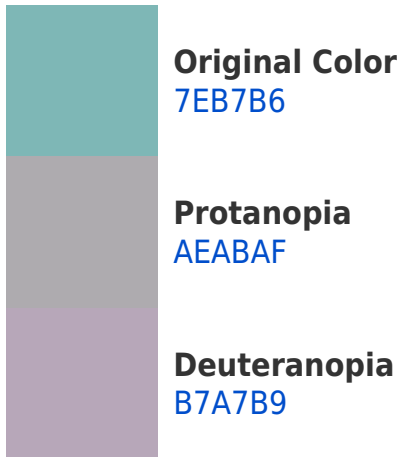


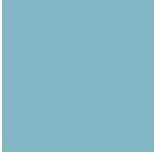
This preview shows how white text looks on a background with the Hex color 7EB7B6.

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
81B5C3

Trichromacy



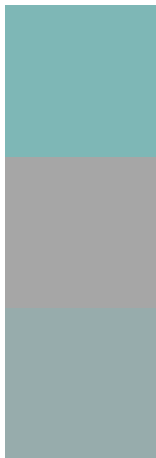
Original Color
7EB7B6

Protanomaly
9DAFB2

Deuteranomaly
A2ADB8

Tritanomaly
80B6BE

Monochromacy



Original Color
7EB7B6

Achromatopsia
A6A6A6

Achromatomaly
97ACAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EB7B6 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 #7EB7B6 looks like.

```
.text, #text, p{  
    color:#7EB7B6  
}
```

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 #7EB7B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB7B6
}
```

Border

The CSS property to change the border of an element to Hex 7EB7B6 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
#7EB7B6 }
```

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

```
.border{ border-color:#7EB7B6 }
```

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

Here you see how a box with a 4 pixel #7EB7B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB7B6; -webkit-box-shadow:4px 4px  
4px 4px #7EB7B6; box-shadow:4px 4px 4px  
4px #7EB7B6 }
```

Background

The CSS property to change the background color of an element to Hex 7EB7B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB7B6 }
```

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

```
.background{ background-color:#7EB7B6 }
```

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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