

Converting Colors

Hex(7EB4A9)

Have a look what the booklet for
Hex(7EB4A9) contains.

Hex(7EB4A9)	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(7EB4A9)

Conversions

Conversions Part 1

Format	Color
Hex	7EB4A9
RGB	126, 180, 169
RGB Percent	49%, 71%, 66%
CMY	0.5059, 0.2941, 0.3373
CMYK	0.30, 0.00, 0.06, 0.29
HSL	168°, 26%, 60%
HSV	168°, 30%, 71%
XYZ	32.0869, 39.9427, 43.5547
YIQ	162.6000, -28.6530, -14.8690

Conversions

Conversions Part 2

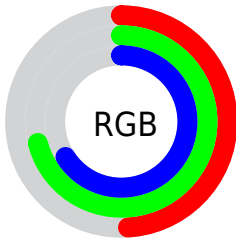
Format	Color
RYB	126, 156, 180
Decimal	8303785
CIELab	69.43, -20.08, -0.07
CIElCh	69, 20.077, 180.206
Yxy	39.9427, 0.2776, 0.3456
Android (android.graphics.Color)	4286493865 (0xFF7EB4A9)
YUV	162.6000, 3.1552, -32.0982
Hunter-Lab	63.2002, -19.9757, 3.3803

Details

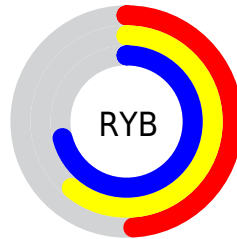
The Hex color **7EB4A9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B47E89**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B4ECE0**, and **4B7F75** is the 20% darker color. If you saturate the color by 10%, you get **6CB4A5**, and if you desaturate by 10%, it is **90B4AD**.

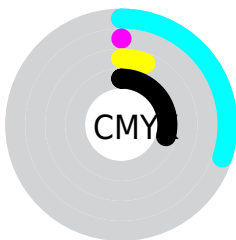
Distribution



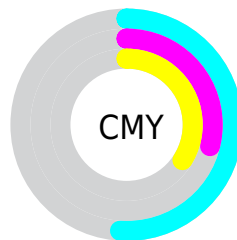
- Red (49%)
- Green (71%)
- Blue (66%)



- Red (49%)
- Yellow (61%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EB4A9 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 7EB4A9 by changing the saturation by 10% instead.

 7EB4A9

 7EB4A9


FFFFFF

 64998F

 B4ECE0

 4B7F75

 D0FFFD

 31665C

 EDFFFF

 174E45

 00372F

 00211A

 000000

 7EB4A9

 7EB4A9

 6CB4A5

 90B4AD

 5AB4A2

 A2B4B0

 48B49E

 B4B4B4

 36B49A

 C6B4B8

 24B497

 D8B4BB

 12B493

 EAB4BF

 00B48F

 FCB4C3

 FFB4C6

 FFB4CA

Harmonies

Analogous

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



8FB297



7EB4A9



77B3BB

Triad

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



7EB4A9



ADA5C9



C7A28B

Complementary

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



7EB4A9



B47E89

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.



CF9E98



7EB4A9



C19FBC

Square

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



7EB4A9



95ABCE



CD9DAA



B7A885

Rectangle

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



7EB4A9



7BB2C5



CD9DAA



CBA18E

Sweetspot

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



7EB4A9



D5EBE6



8AB47E



687573



F5F5F5



757575

Same Dimension

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



7EB4A9



96EBD9



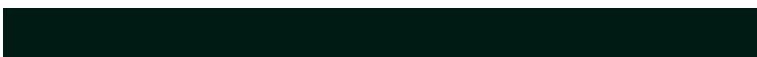
7EA5B4



505957



00997A



001A14

Inverse Universe

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



B47E89



EB96A7



B48D7E



595052



99001F



1A0005

Previews

White Background



This preview shows how the Hex color 7EB4A9 looks on a white background.

Color Contrast Check

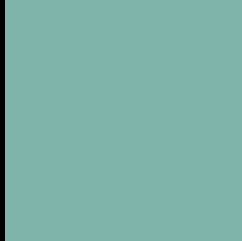
Large Text (above 18pt) WCAG AA × Fail

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 7EB4A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

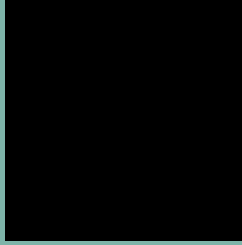
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

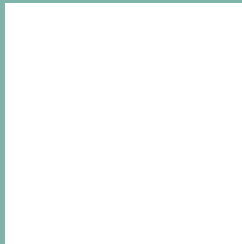
Any Text WCAG AAA ✓ Pass

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

Hex 7EB4A9 Background



This preview shows how black text looks on a background with the Hex color 7EB4A9.



This preview shows how white text looks on a background with the Hex color 7EB4A9.

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](#).

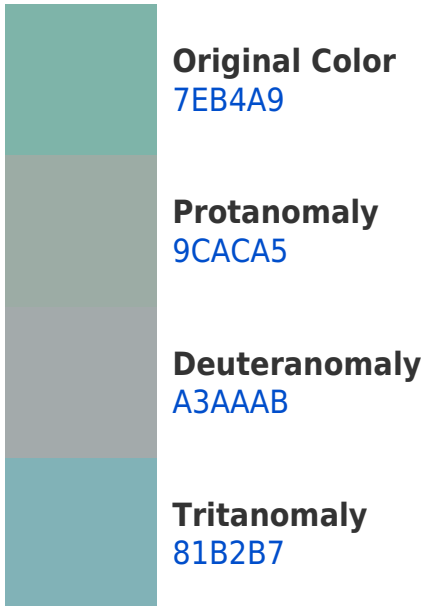
Dichromacy



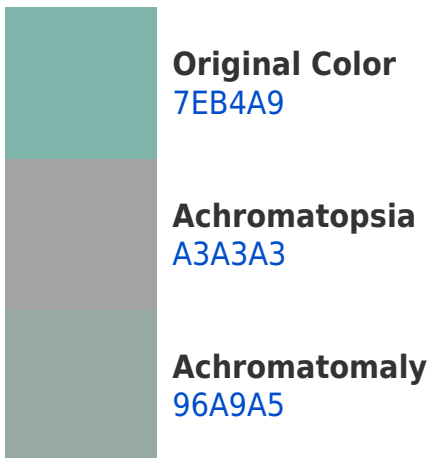


Tritanopia
83B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EB4A9 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 #7EB4A9 looks like.

```
.text, #text, p{  
    color:#7EB4A9  
}
```

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 #7EB4A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB4A9
}
```

Border

The CSS property to change the border of an element to Hex 7EB4A9 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
#7EB4A9 }
```

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

```
.border{ border-color:#7EB4A9 }
```

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

Here you see how a box with a 4 pixel #7EB4A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB4A9; -webkit-box-shadow:4px 4px  
4px 4px #7EB4A9; box-shadow:4px 4px 4px  
4px #7EB4A9 }
```

Background

The CSS property to change the background color of an element to Hex 7EB4A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB4A9 }
```

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

```
.background{ background-color:#7EB4A9 }
```

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