Converting Colors

Hex(7EB48C)

Have a look what the booklet for Hex(7EB48C) contains.

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Color

Hex(7EB48C)

Conversions

Conversions Part 1

Format	Color
Hex	7EB48C
RGB	126, 180, 140
RGB Percent	49%, 71%, 55%
CMY	0.5059, 0.2941, 0.4510
CMYK	0.30, 0.00, 0.22, 0.29
HSL	136°, 26%, 60%
HSV	136°, 30%, 71%
XYZ	29.6591, 38.9716, 30.7700
YIQ	159.2940, -19.3440, -23.8880

Conversions

Conversions Part 2

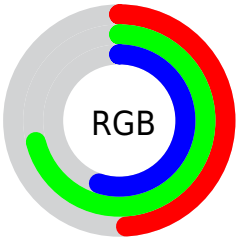
Format	Color
RYB	126, 169, 180
Decimal	8303756
CIELab	68.73, -26.08, 14.84
CIELCh	69, 30.008, 150.357
Yxy	38.9716, 0.2984, 0.3921
Android (android.graphics.Color)	4286493836 (0xFF7EB48C)
YUV	159.2940, -9.5119, -29.1988
Hunter-Lab	62.4272, -24.4426, 14.4754

Details

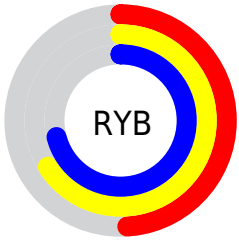
The Hex color 7EB48C is a dark color, and the websafe version is hex 99CC99. A complement of this color would be B47EA6, and the grayscale version is 9F9F9F.

A 20% lighter version of the original color is B4ECC2, and 4B7F5A is the 20% darker color. If you saturate the color by 10%, you get 6CB47F, and if you desaturate by 10%, it is 90B499.

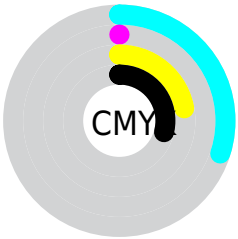
Distribution



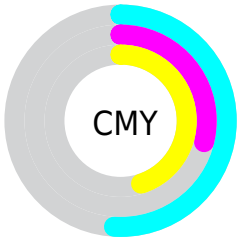
- Red (49%)
- Green (71%)
- Blue (55%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EB48C 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 7EB48C by changing the saturation by 10% instead.

7EB48C

FFFFFF

B4ECC2

D0FFDE

EDFFFA

7EB48C

649972

4B7F5A

326642

194D2C

003617

002100

000000

7EB48C

6CB47F

7EB48C

90B499

5AB471	A2B4A7
48B464	B4B4B4
36B457	C6B4C1
24B449	D8B4CF
12B43C	EAB4DC
00B42F	FCB4E9
	FFB4F7
	FFB4FF

Harmonies

Analogous

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

9EAE78

7EB48C

60B7A7

Triad

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

7EB48C

84AADD

DD968E

Complementary

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

7EB48C

B47EA6

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.

DB93A8

7EB48C

ACA1D6

Square

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

7EB48C

5FB2D6

CB98C3

D19D79

Rectangle

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

7EB48C

52B6BA

CB98C3

DE9496

Sweetspot

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

7EB48C

D5EBDB

A7B47E

68756C

F5F5F5

757575

Same Dimension

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

7EB48C

96EBAC

7EB4A7

505953

009928

001A07

Inverse Universe

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

B47EA6

EB96D5

B47E8C

595057

990071

1A0013

Previews

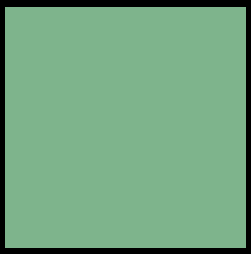
White Background

This preview shows how the Hex color 7EB48C 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



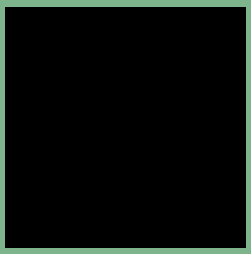
This preview shows how the Hex color 7EB48C looks on a black background.

Color Contrast Check

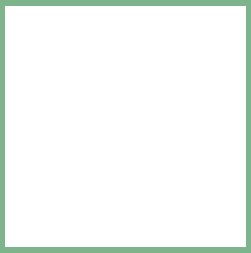
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 7EB48C Background



This preview shows how black text looks on a background with the Hex color 7EB48C.



This preview shows how white text looks on a background with the Hex color 7EB48C.

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

Original Color
7EB48C

Protanopia
B1A786

Deuteranopia
BFA190

Tritanopia
87AEBC

Trichromacy

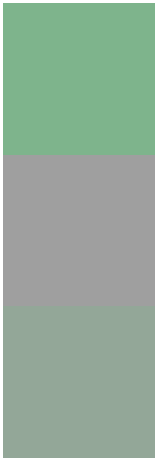
Original Color
7EB48C

Protanomaly
9EAC88

Deuteranomaly
A7A88F

Tritanomaly
84B0AB

Monochromacy



Original Color
7EB48C

Achromatopsia
9F9F9F

Achromatomaly
93A798

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EB48C 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 #7EB48C looks like.

```
.text, #text, p{
    color:#7EB48C
}
```

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 #7EB48C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB48C }
```

Border

The CSS property to change the border of an element to Hex 7EB48C 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 #7EB48C }
```

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

```
.border{ border-color:#7EB48C }
```

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

Here you see how a box with a 4 pixel #7EB48C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #7EB48C; -webkit-box-shadow:4px 4px 4px 4px #7EB48C; box-shadow:4px 4px 4px 4px #7EB48C }
```

Background

The CSS property to change the background color of an element to Hex 7EB48C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#7EB48C }
```

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

```
.background{ background-color:#7EB48C }
```

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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