

# Converting Colors

Hex(7EB093)

Have a look what the booklet for  
Hex(7EB093) contains.

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# **Color**

**Hex(7EB093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB093
RGB	126, 176, 147
RGB Percent	49%, 69%, 58%
CMY	0.5059, 0.3098, 0.4235
CMYK	0.28, 0.00, 0.16, 0.31
HSL	145°, 24%, 59%
HSV	145°, 28%, 69%
XYZ	29.3960, 37.5929, 33.3106
YIQ	157.7440, -20.4910, -19.6190

# Conversions

## Conversions Part 2

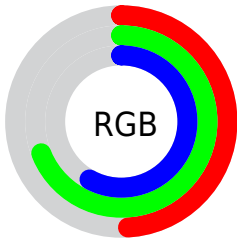
Format	Color
<a href="#">RYB</a>	<a href="#">126, 161, 176</a>
Decimal	<a href="#">8302739</a>
CIELab	<a href="#">67.72, -22.73, 9.58</a>
CIElCh	<a href="#">68, 24.665, 157.142</a>
Yxy	<a href="#">37.5929, 0.2931, 0.3748</a>
Android (android.graphics.Color)	<a href="#">4286492819 (0xFF7EB093)</a>
YUV	<a href="#">157.7440, -5.2968, -27.8395</a>
Hunter-Lab	<a href="#">61.3130, -21.7176, 10.7076</a>

# Details

The Hex color **7EB093** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B07E9B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B4E8C9**, and **4B7B60** is the 20% darker color. If you saturate the color by 10%, you get **6CB089**, and if you desaturate by 10%, it is **90B09D**.

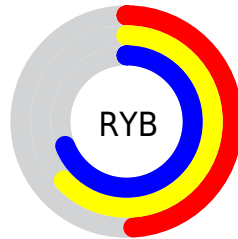
# Distribution



Red (49%)

Green (69%)

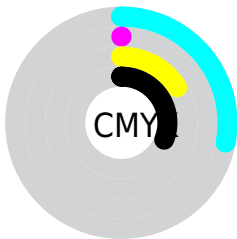
Blue (58%)



Red (49%)

Yellow (63%)

Blue (69%)

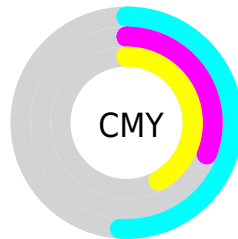


Cyan (28%)

Magenta (0%)

Yellow (16%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EB093 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 7EB093 by changing the saturation by 10% instead.



 7EB093

 7EB093

FFFFFF

 649579

 B4E8C9

 4B7B60

 D0FFE5

 336249

 ECFFFF

 1A4A32

 00331D

 001F04

 000000

 7EB093

 7EB093

 6CB089

 90B09D

 5BB07F

 A1B0A7

 49B074

 B3B0B2

 38B06A

 C4B0BC

 26B060

 D6B0C6

 14B056

 E8B0D0

 03B04C

 F9B0DA

 00B04A

 FFB0E5

 FFB0EF

# Harmonies

## Analogous

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



97AC81



7EB093



69B2AA

# Triad

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



7EB093



91A5D1



D0978B

# Complementary

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



7EB093



B07E9B

# 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.



D195A0



7EB093



AF9DC8

# Square

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



7EB093



74ACCD



C697B7



C49E7D

# Rectangle

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



7EB093



63B1B8



C697B7



D29692



# Sweetspot

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



7EB093



D1E6DA



9BB07E



66736B



F2F2F2



737373



# Same Dimension

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



7EB093



97E6B8



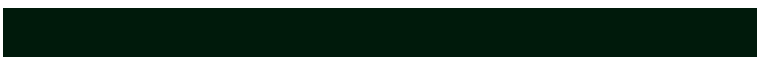
7EB0AC



505954



009940



001A0B



# Inverse Universe

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



B07E9B



E697C5



B07E82



595056



990059



1A000F



# Previews

## White Background



This preview shows how the Hex color 7EB093 looks on a white background.

## Color Contrast Check

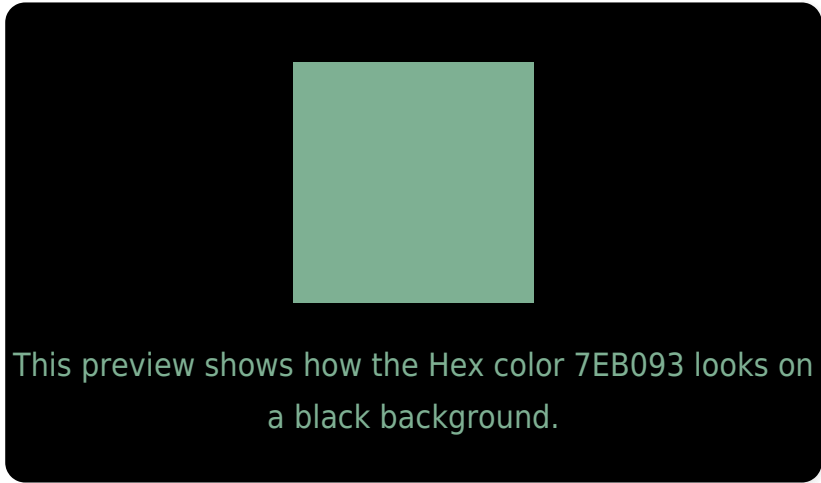
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

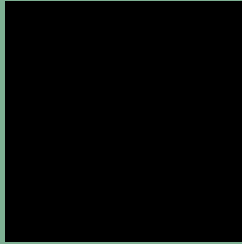
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EB093 Background



This preview shows how black text looks on a background with the Hex color 7EB093.

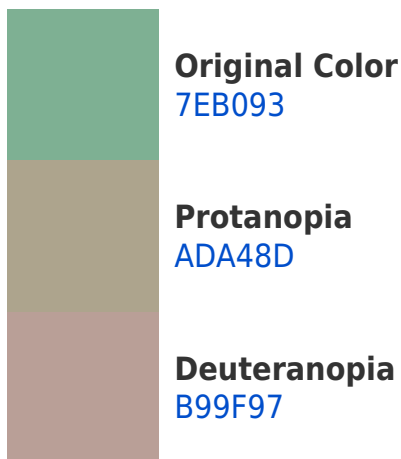


This preview shows how white text looks on a background with the Hex color 7EB093.

# 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**  
85ABB8

# Trichromacy



**Original Color**  
7EB093

**Protanomaly**  
9CA88F

**Deuteranomaly**  
A4A596

**Tritanomaly**  
82ADAB

# Monochromacy



**Original Color**  
7EB093

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
92A59A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EB093 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 #7EB093 looks like.

```
.text, #text, p{  
    color:#7EB093  
}
```

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 #7EB093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB093  
}
```

## Border

The CSS property to change the border of an element to Hex 7EB093 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  
#7EB093 }
```

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

```
.border{ border-color:#7EB093 }
```

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

Here you see how a box with a 4 pixel #7EB093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB093; -webkit-box-shadow:4px 4px  
4px 4px #7EB093; box-shadow:4px 4px 4px  
4px #7EB093 }
```

# Background

The CSS property to change the background color of an element to Hex 7EB093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB093 }
```

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

```
.background{ background-color:#7EB093 }
```

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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