

# Converting Colors

Hex(7AEBA4)

Have a look what the booklet for  
Hex(7AEBA4) contains.

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# Color

**Hex(7AEBA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AEBA4
RGB	122, 235, 164
RGB Percent	48%, 92%, 64%
CMY	0.5216, 0.0784, 0.3569
CMYK	0.48, 0.00, 0.30, 0.08
HSL	142°, 74%, 70%
HSV	142°, 48%, 92%
XYZ	44.4352, 66.2346, 45.5645
YIQ	193.1190, -44.5570, -46.0370

# Conversions

## Conversions Part 2

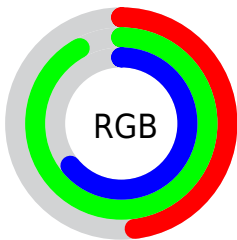
Format	Color
<a href="#">RYB</a>	<a href="#">122, 204, 235</a>
Decimal	<a href="#">8055716</a>
CIELab	<a href="#">85.12, -47.78, 24.74</a>
CIELCh	<a href="#">85, 53.810, 152.625</a>
Yxy	<a href="#">66.2346, 0.2844, 0.4239</a>
Android (android.graphics.Color)	<a href="#">4286245796 (0xFF7AEBA4)</a>
YUV	<a href="#">193.1190, -14.3557, -62.3714</a>
Hunter-Lab	<a href="#">81.3846, -44.9638, 23.7747</a>

# Details

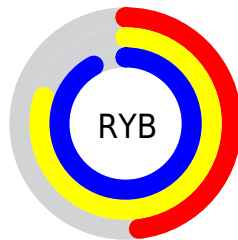
The Hex color **7AEBA4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB7AC1**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B4FFDB**, and **3EB270** is the 20% darker color. If you saturate the color by 10%, you get **62EB95**, and if you desaturate by 10%, it is **92EBB3**.

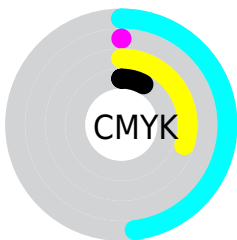
# Distribution



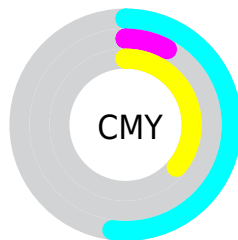
- Red (48%)
- Green (92%)
- Blue (64%)



- Red (48%)
- Yellow (80%)
- Blue (92%)



- Cyan (48%)
- Magenta (0%)
- Yellow (30%)
- Black (8%)



- Cyan (52%)
- Magenta (8%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AEBA4 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 7AEBA4 by changing the saturation by 10% instead.



 7AEBA4

 7AEBA4

FFFFFF

 5DCE89

 B4FFDB

 3EB270

 D1FFF8

 189757

 EFFFFFF

 007D3F

 006328

 004A12

 003200

 001A00

 000000

 7AEB A4

 7AEB A4

 62EB 95

 92EB B3

 4BEB 86

 A9EB C2

 34EB 78

 C1EB D0

 1CEB 69

 D8EB DF

 04EB 5A

 F0EB EE

 00EB 57

 FFEB FD

 FFEB FF

# Harmonies

## Analogous

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



BBE27C



7AEBA4



00EFD8

# Triad

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



7AEBA4



89D8FF



FFB1A0

# Complementary

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



7AEBA4



EB7AC1

# 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.



FFABD2



7AEBA4



DFC6FF

# Square

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



7AEBA4



00E6FF



FFB4FF



FFC17B

# Rectangle

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



7AEBA4



00EFFA



FFB4FF



FFADB0

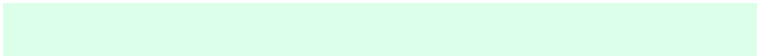


# Sweetspot

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



7AEBA4



DBFFE9



C2EB7A



6A8072



000000



808080



# Same Dimension

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



7AEBA4



6BFFA2



7AEBDC



6A756E



00B543



003614



# Inverse Universe

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



EB7AC1



FF6BC8



EB7A89



756A71



B50072

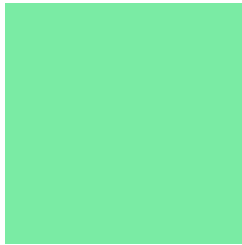


360022



# Previews

## White Background



This preview shows how the Hex color 7AEBA4 looks on a white background.

## Color Contrast Check

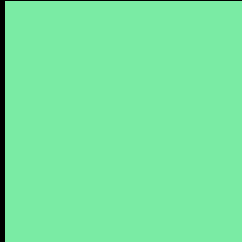
Large Text (above 18pt) WCAG AA × Fail

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 7AEBA4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

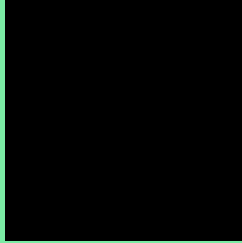
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AEBA4 Background



This preview shows how black text looks on a background with the Hex color 7AEBA4.

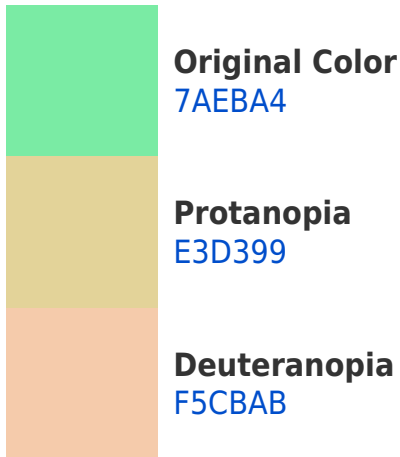


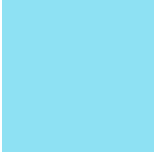
This preview shows how white text looks on a background with the Hex color 7AEBA4.

# 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**  
8EE1F3

# Trichromacy



**Original Color**  
7AEBA4



**Protanomaly**  
BDDC9D



**Deuteranomaly**  
C8D7A8

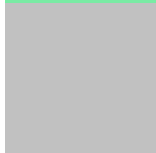


**Tritanomaly**  
87E5D6

# Monochromacy



**Original Color**  
7AEBA4



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
A7D0B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AEBA4 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 #7AEBA4 looks like.

```
.text, #text, p{  
    color:#7AEBA4  
}
```

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 #7AEBA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AEBA4
}
```

## Border

The CSS property to change the border of an element to Hex 7AEBA4 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
#7AEBA4 }
```

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

```
.border{ border-color:#7AEBA4 }
```

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

Here you see how a box with a 4 pixel #7AEBA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AEBA4; -webkit-box-shadow:4px 4px  
4px 4px #7AEBA4; box-shadow:4px 4px 4px  
4px #7AEBA4 }
```

# Background

The CSS property to change the background color of an element to Hex 7AEBA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AEBA4 }
```

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

```
.background{ background-color:#7AEBA4 }
```

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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