

# Converting Colors

Hex(7DEABE)

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

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# **Color**

**Hex(7DEABE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DEABE
RGB	125, 234, 190
RGB Percent	49%, 92%, 75%
CMY	0.5098, 0.0824, 0.2549
CMYK	0.47, 0.00, 0.19, 0.08
HSL	156°, 72%, 70%
HSV	156°, 47%, 92%
XYZ	47.1745, 66.9233, 59.1463
YIQ	196.3930, -50.8400, -36.7920

# Conversions

## Conversions Part 2

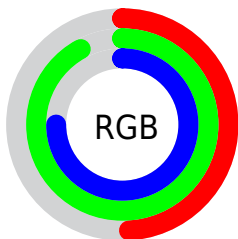
Format	Color
<a href="#">RYB</a>	<a href="#">125, 193, 234</a>
Decimal	<a href="#">8252094</a>
CIELab	<a href="#">85.47, -41.47, 11.75</a>
CIELCh	<a href="#">85, 43.107, 164.178</a>
Yxy	<a href="#">66.9233, 0.2723, 0.3863</a>
Android (android.graphics.Color)	<a href="#">4286442174</a> ( <a href="#">0xFF7DEABE</a> )
YUV	<a href="#">196.3930, -3.1517, -62.6117</a>
Hunter-Lab	<a href="#">81.8067, -40.2281, 14.3979</a>

# Details

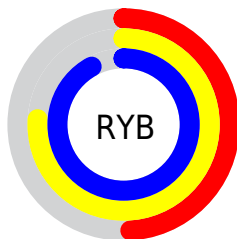
The Hex color **7DEABE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EA7DA9**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B7FFF6**, and **42B289** is the 20% darker color. If you saturate the color by 10%, you get **66EAB5**, and if you desaturate by 10%, it is **94EAC7**.

# Distribution



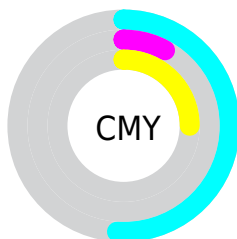
- Red (49%)
- Green (92%)
- Blue (75%)



- Red (49%)
- Yellow (76%)
- Blue (92%)



- Cyan (47%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)



- Cyan (51%)
- Magenta (8%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 7DEABE

 7DEABE

FFFFFF

 60CDA3

 B7FFF6

 42B289

 D4FFFF

 1E966F

 F2FFFF

 007C57

 00623F

 004A29

 003215

 001C00

 000000

 7DEABE

 7DEABE

 66EAB5

 94EAC7

 4EEAAB

 ACEAD1

 37EAA2

 C3EADA

 1FEA98

 DBEAE4

 08EA8F

 F2EAED

 00EA8C

 FFEAF7

 FFEAFF

# Harmonies

## Analogous

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



B0E49A



7DEABE



47ECE8

# Triad

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



7DEABE



BBD3FF



FFBE9F

# Complementary

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



7DEABE



EA7DA9

# 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.



FFB6C4



7DEABE



F3C4FF

# Square

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



7DEABE



77E0FF



FFB9ED



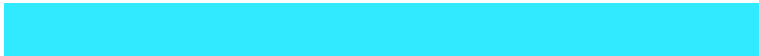
FFCC87

# Rectangle

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



7DEABE



32EAFF



FFB9ED



FFBBAA

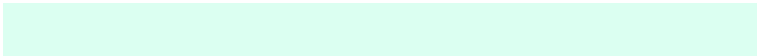


# Sweetspot

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



7DEABE



DBFFF1



AAEA7D



6A8077



000000



808080



# Same Dimension

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



7DEABE



70FFC5



7DE1EA



6A7571



00B56C



003620



# Inverse Universe

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



EA7DA9



FF70AA



EA867D



756A6E



B50049

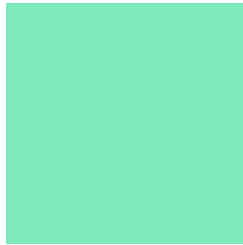


360016



# Previews

## White Background



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

## Color Contrast Check

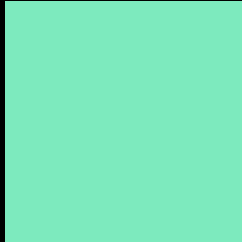
Large Text (above 18pt) WCAG AA × Fail

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 7DEABE 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 7DEABE Background



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

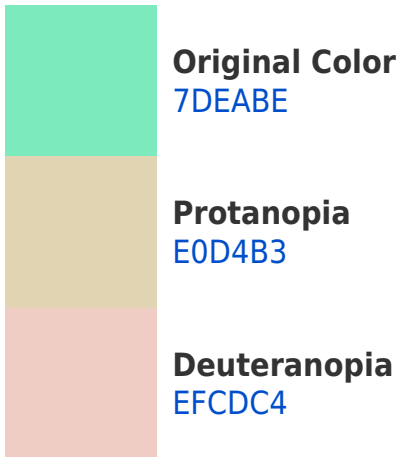


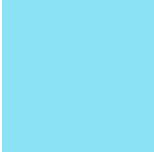
This preview shows how white text looks on a background with the Hex color 7DEABE.

# 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



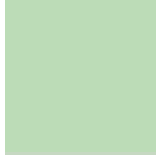


**Tritanopia**  
8CE2F5

# Trichromacy



**Original Color**  
7DEABE



**Protanomaly**  
BCDCB7



**Deuteranomaly**  
C6D8C2

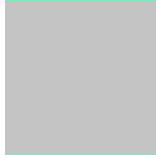


**Tritanomaly**  
87E5E1

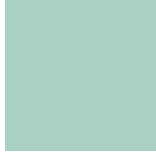
# Monochromacy



**Original Color**  
7DEABE



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
AAD2C2

# CSS Examples

## Text

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

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

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 #7DEABE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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