

# Converting Colors

Hex(7DE89B)

Have a look what the booklet for  
Hex(7DE89B) contains.

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**Color**

**Hex(7DE89B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DE89B
RGB	125, 232, 155
RGB Percent	49%, 91%, 61%
CMY	0.5098, 0.0902, 0.3922
CMYK	0.46, 0.00, 0.33, 0.09
HSL	137°, 70%, 70%
HSV	137°, 46%, 91%
XYZ	43.2305, 64.4398, 41.1700
YIQ	191.2290, -39.0550, -46.6310

# Conversions

## Conversions Part 2

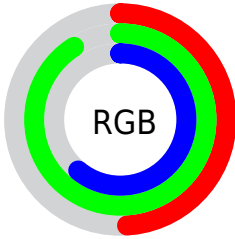
Format	Color
<a href="#">RYB</a>	<a href="#">125, 209, 232</a>
Decimal	<a href="#">8251547</a>
CIELab	<a href="#">84.19, -47.35, 28.13</a>
CIELCh	<a href="#">84, 55.074, 149.290</a>
Yxy	<a href="#">64.4398, 0.2904, 0.4329</a>
Android (android.graphics.Color)	<a href="#">4286441627 (0xFF7DE89B)</a>
YUV	<a href="#">191.2290, -17.8609, -58.0828</a>
Hunter-Lab	<a href="#">80.2744, -44.3519, 25.7843</a>

# Details

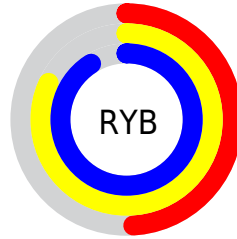
The Hex color **7DE89B** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E87DCA**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B6FFD2**, and **43B067** is the 20% darker color. If you saturate the color by 10%, you get **66E88A**, and if you desaturate by 10%, it is **94E8AC**.

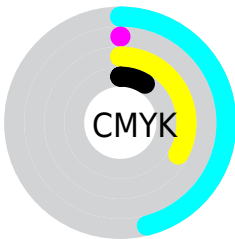
# Distribution



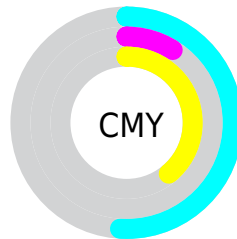
- Red (49%)
- Green (91%)
- Blue (61%)



- Red (49%)
- Yellow (82%)
- Blue (91%)



- Cyan (46%)
- Magenta (0%)
- Yellow (33%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DE89B 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 7DE89B by changing the saturation by 10% instead.



 7DE89B

 7DE89B

FFFFFF

 60CB81

 B6FFD2

 43B067

 D4FFEE

 20944E

 F1FFFF

 007A37

 006020

 004708

 003000

 001700

 000000

 7DE89B

 7DE89B

 66E88A

 94E8AC

 4FE87A

 ABE8BC

 37E869

 C3E8CD

 20E858

 DAE8DE

 09E848

 F1E8EE

 00E841

 FFE8FF

# Harmonies

## Analogous

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



BEDE74



7DE89B



00EDCF

# Triad

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



7DE89B



76D8FF



FFACA2

# Complementary

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



7DE89B



E87DCA

# 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.



FFA7D5



7DE89B



D4C5FF

# Square

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



7DE89B



00E5FF



FFB2FF



FFBC7A

# Rectangle

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



7DE89B



00EDF3



FFB2FF



FFA9B2

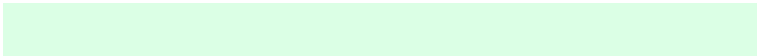


# Sweetspot

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



7DE89B



DBFFE5



CBE87D



6A8070



000000



808080



# Same Dimension

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



7DE89B



73FF9A



7DE8CF



67736A



00B332



00330E



# Inverse Universe

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



E87DCA



FF73D8



E87D96



736770



B30080

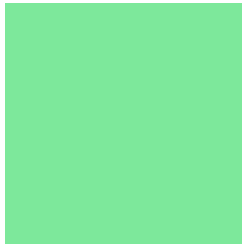


330025



# Previews

## White Background



This preview shows how the Hex color 7DE89B looks on a white background.

## Color Contrast Check

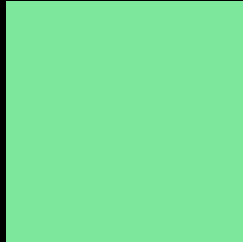
Large Text (above 18pt) WCAG AA × Fail

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 7DE89B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

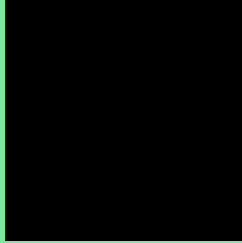
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7DE89B Background



This preview shows how black text looks on a background with the Hex color 7DE89B.

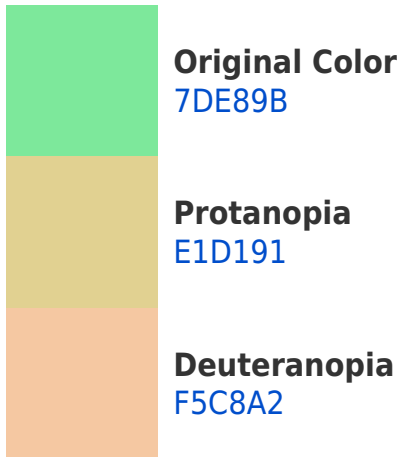


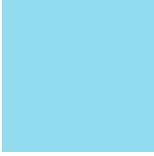
This preview shows how white text looks on a background with the Hex color 7DE89B.

# 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](#).

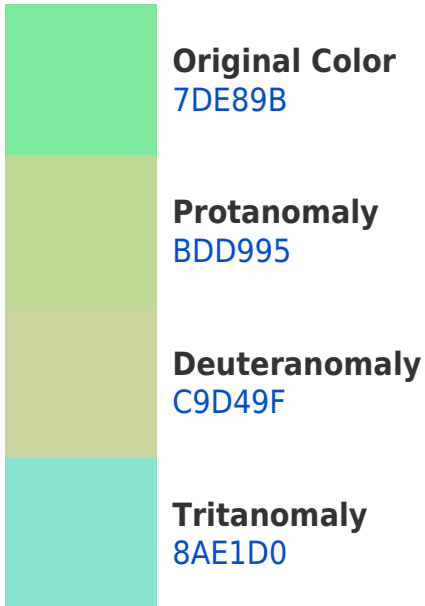
## Dichromacy



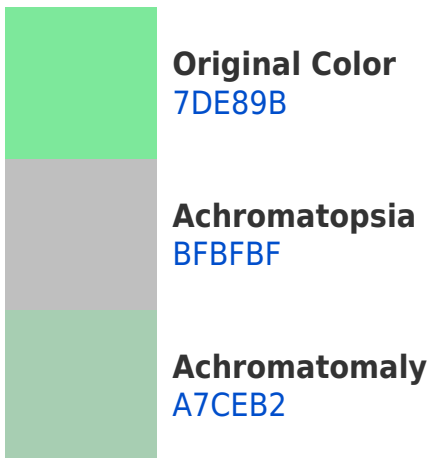


**Tritanopia**  
91DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DE89B 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 #7DE89B looks like.

```
.text, #text, p{  
    color:#7DE89B  
}
```

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 #7DE89B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE89B
}
```

## Border

The CSS property to change the border of an element to Hex 7DE89B 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
#7DE89B }
```

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

```
.border{ border-color:#7DE89B }
```

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

Here you see how a box with a 4 pixel #7DE89B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE89B; -webkit-box-shadow:4px 4px  
4px 4px #7DE89B; box-shadow:4px 4px 4px  
4px #7DE89B }
```

# Background

The CSS property to change the background color of an element to Hex 7DE89B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE89B }
```

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

```
.background{ background-color:#7DE89B }
```

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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