

# Converting Colors

Hex(7DD89A)

Have a look what the booklet for  
Hex(7DD89A) contains.

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**Color**

**Hex(7DD89A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DD89A
RGB	125, 216, 154
RGB Percent	49%, 85%, 60%
CMY	0.5098, 0.1529, 0.3961
CMYK	0.42, 0.00, 0.29, 0.15
HSL	139°, 54%, 67%
HSV	139°, 42%, 85%
XYZ	38.8460, 55.8048, 39.2959
YIQ	181.7230, -34.3340, -38.5740

# Conversions

## Conversions Part 2

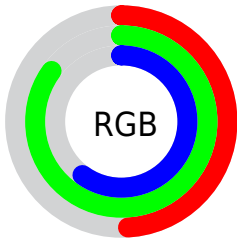
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">125, 194, 216</a>
Decimal	<a href="#">8247450</a>
CIELab	<a href="#">79.50, -40.59, 22.27</a>
CIELCh	<a href="#">80, 46.299, 151.255</a>
Yxy	<a href="#">55.8048, 0.2900, 0.4166</a>
Android (android.graphics.Color)	<a href="#">4286437530 (0xFF7DD89A)</a>
YUV	<a href="#">181.7230, -13.6674, -49.7461</a>
Hunter-Lab	<a href="#">74.7026, -37.9079, 21.1035</a>

# Details

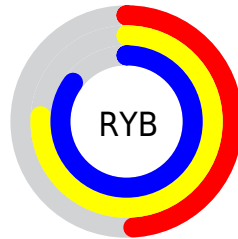
The Hex color **7DD89A** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D87DBB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B5FFD1**, and **45A167** is the 20% darker color. If you saturate the color by 10%, you get **67D88B**, and if you desaturate by 10%, it is **93D8A9**.

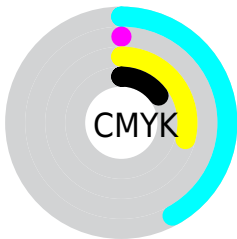
# Distribution



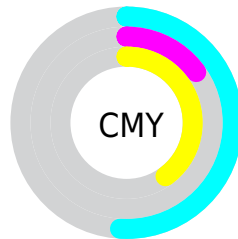
- Red (49%)
- Green (85%)
- Blue (60%)



- Red (49%)
- Yellow (76%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (51%)
- Magenta (15%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DD89A 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 7DD89A by changing the saturation by 10% instead.



 7DD89A

 7DD89A

FFFFFF

 61BC80

 B5FFD1

 45A167

 D2FFED

 28864E

 EFFFFFF

 006C37

 005320

 003B0A

 002700

 000000

 7DD89A

 7DD89A

 67D88B

 93D8A9

 52D87D

 A8D8B7

 3CD86E

 BED8C6

 27D85F

 D3D8D5

 11D850

 E9D8E4

 00D845

 FFD8F2

 FFD8FF

# Harmonies

## Analogous

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



B2D079



7DD89A



35DCC5

# Triad

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



7DD89A



86C9FF



FFA79A

# Complementary

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



7DD89A



D87DBB

# 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.



FFA3C5



7DD89A



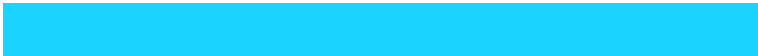
CCB9FF

# Square

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



7DD89A



1AD4FF



FDAAEF



FFB47A

# Rectangle

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



7DD89A



00DBE3



FDAAEF



FFA4A8

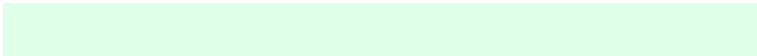


# Sweetspot

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



7DD89A



DEFFE8



BBD87D



6B8072



000000



808080



# Same Dimension

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



7DD89A



7DFFA6



7DD8C7



606B64



00AB36



002B0E



# Inverse Universe

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



D87DBB



FF7DD6



D87D8E



6B6068



AB0074

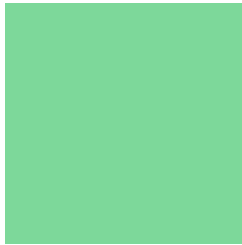


2B001E



# Previews

## White Background



This preview shows how the Hex color 7DD89A looks on a white background.

## Color Contrast Check

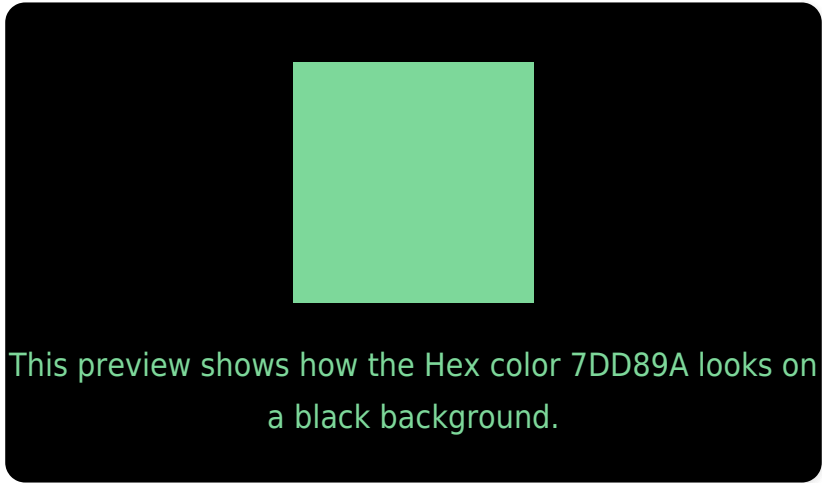
Large Text (above 18pt) WCAG AA × Fail

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 7DD89A Background



This preview shows how black text looks on a background with the Hex color 7DD89A.

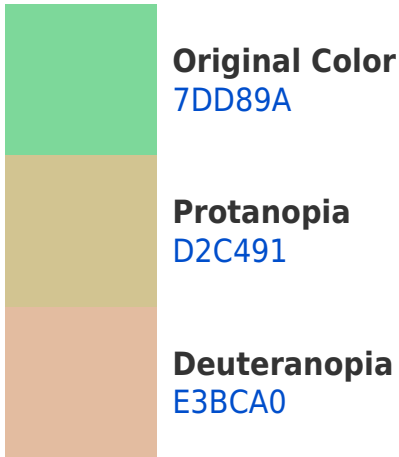


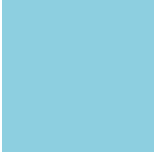
This preview shows how white text looks on a background with the Hex color 7DD89A.

# 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**  
8DCFE0

# Trichromacy



**Original Color**  
7DD89A



**Protanomaly**  
B3CB94



**Deuteranomaly**  
BEC69E



**Tritanomaly**  
87D2C7

# Monochromacy



**Original Color**  
7DD89A



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
A1C2AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DD89A 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 #7DD89A looks like.

```
.text, #text, p{  
    color:#7DD89A  
}
```

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 #7DD89A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DD89A
}
```

## Border

The CSS property to change the border of an element to Hex 7DD89A 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
#7DD89A }
```

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

```
.border{ border-color:#7DD89A }
```

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

Here you see how a box with a 4 pixel #7DD89A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DD89A; -webkit-box-shadow:4px 4px  
4px 4px #7DD89A; box-shadow:4px 4px 4px  
4px #7DD89A }
```

# Background

The CSS property to change the background color of an element to Hex 7DD89A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DD89A }
```

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

```
.background{ background-color:#7DD89A }
```

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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