

Converting Colors

Hex(7DE099)

Have a look what the booklet for
Hex(7DE099) contains.

Hex(7DE099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DE099)

Conversions

Conversions Part 1

Format	Color
Hex	7DE099
RGB	125, 224, 153
RGB Percent	49%, 88%, 60%
CMY	0.5098, 0.1216, 0.4000
CMYK	0.44, 0.00, 0.32, 0.12
HSL	137°, 61%, 68%
HSV	137°, 44%, 88%
XYZ	40.8629, 59.9712, 39.5589
YIQ	186.3050, -36.2130, -43.0690

Conversions

Conversions Part 2

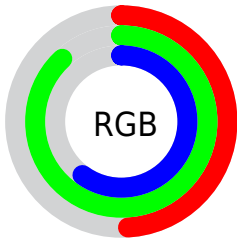
Format	Color
RYB	125, 202, 224
Decimal	8249497
CIELab	81.82, -44.28, 25.95
CIElCh	82, 51.322, 149.629
Yxy	59.9712, 0.2911, 0.4272
Android (android.graphics.Color)	4286439577 (0xFF7DE099)
YUV	186.3050, -16.4194, -53.7645
Hunter-Lab	77.4411, -41.3338, 23.9219

Details

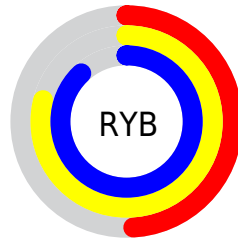
The Hex color **7DE099** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E07DC4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B6FFD0**, and **44A865** is the 20% darker color. If you saturate the color by 10%, you get **67E089**, and if you desaturate by 10%, it is **93E0A9**.

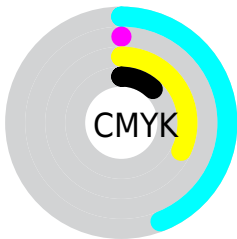
Distribution



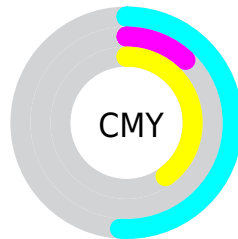
- Red (49%)
- Green (88%)
- Blue (60%)



- Red (49%)
- Yellow (79%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE099 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 7DE099 by changing the saturation by 10% instead.

 7DE099

 7DE099

FFFFFF

 61C47F

 B6FFD0

 44A865

 D3FFEC

 248D4D

 F0FFFF

 007335

 005A1F

 004107

 002B00

 000C00

 000000

 7DE099

 7DE099

 67E089

 93E0A9

 50E079

 AAE0B9

 3AE069

 C0E0C9

 23E059

 D7E0D9

 0DE049

 EDE0E9

 00E03F

 FFE0F9

 FFE0FF

Harmonies

Analogous

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



B8D775



7DE099



12E4C9

Triad

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



7DE099



7BD0FF



FFA99E

Complementary

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



7DE099



E07DC4

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.



FFA4CE



7DE099



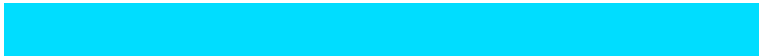
CFBFFF

Square

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



7DE099



00DDFF



FFAEFD



FFB779

Rectangle

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



7DE099



00E4EA



FFAEFD



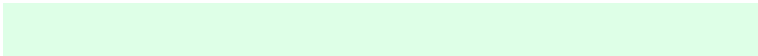
FFA6AE

Sweetspot

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



7DE099



DEFFE7



C6E07D



6B8071



000000



808080

Same Dimension

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



7DE099



78FF9E



7DE0C9



657068



00B032



00300E

Inverse Universe

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



E07DC4



FF78D9



E07D94



70656D



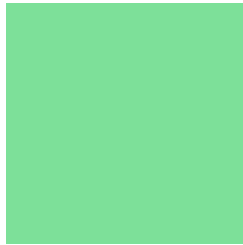
B0007E



300023

Previews

White Background



This preview shows how the Hex color 7DE099 looks on a white background.

Color Contrast Check

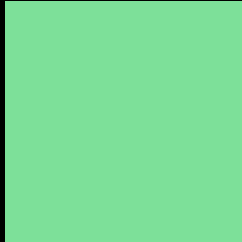
Large Text (above 18pt) WCAG AA × Fail

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 7DE099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

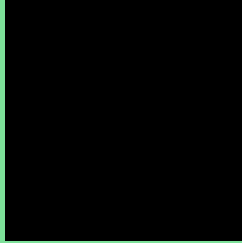
Any Text WCAG AA ✓ Pass

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 7DE099 Background



This preview shows how black text looks on a background with the Hex color 7DE099.

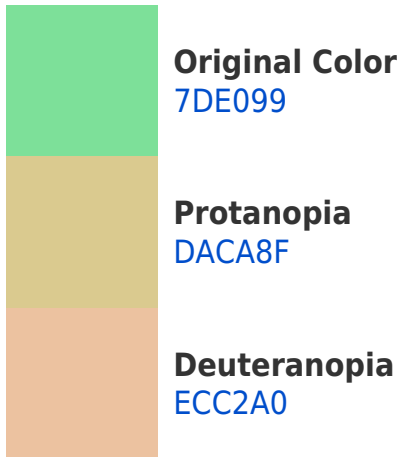


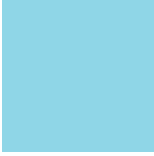
This preview shows how white text looks on a background with the Hex color 7DE099.

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
8FD6E7

Trichromacy



Original Color
7DE099



Protanomaly
B8D293



Deuteranomaly
C4CD9D



Tritanomaly
88DACB

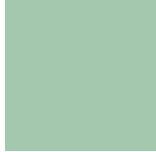
Monochromacy



Original Color
7DE099



Achromatopsia
BABABA



Achromatomaly
A4C8AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE099 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 #7DE099 looks like.

```
.text, #text, p{  
    color:#7DE099  
}
```

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 #7DE099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE099
}
```

Border

The CSS property to change the border of an element to Hex 7DE099 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
#7DE099 }
```

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

```
.border{ border-color:#7DE099 }
```

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

Here you see how a box with a 4 pixel #7DE099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE099; -webkit-box-shadow:4px 4px  
4px 4px #7DE099; box-shadow:4px 4px 4px  
4px #7DE099 }
```

Background

The CSS property to change the background color of an element to Hex 7DE099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE099 }
```

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

```
.background{ background-color:#7DE099 }
```

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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