

Converting Colors

Hex(7DD39E)

Have a look what the booklet for
Hex(7DD39E) contains.

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Color

Hex(7DD39E)

Conversions

Conversions Part 1

Format	Color
Hex	7DD39E
RGB	125, 211, 158
RGB Percent	49%, 83%, 62%
CMY	0.5098, 0.1725, 0.3804
CMYK	0.41, 0.00, 0.25, 0.17
HSL	143°, 49%, 66%
HSV	143°, 41%, 83%
XYZ	37.9233, 53.4171, 40.6595
YIQ	179.2440, -34.2430, -34.7150

Conversions

Conversions Part 2

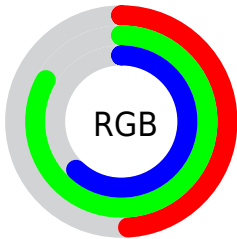
Format	Color
RYB	125, 187, 211
Decimal	8246174
CIELab	78.12, -37.60, 18.25
CIELCh	78, 41.795, 154.103
Yxy	53.4171, 0.2873, 0.4047
Android (android.graphics.Color)	4286436254 (0xFF7DD39E)
YUV	179.2440, -10.4733, -47.5720
Hunter-Lab	73.0870, -35.2825, 18.1769

Details

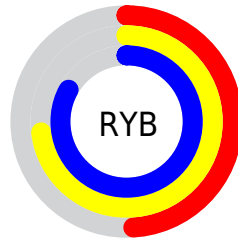
The Hex color **7DD39E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D37DB2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B5FFD5**, and **469C6A** is the 20% darker color. If you saturate the color by 10%, you get **68D391**, and if you desaturate by 10%, it is **92D3AB**.

Distribution



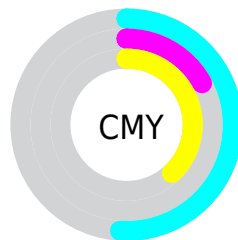
- Red (49%)
- Green (83%)
- Blue (62%)



- Red (49%)
- Yellow (73%)
- Blue (83%)



- Cyan (41%)
- Magenta (0%)
- Yellow (25%)
- Black (17%)



- Cyan (51%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DD39E 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 7DD39E by changing the saturation by 10% instead.

 7DD39E

 7DD39E

FFFFFF

 62B784

 B5FFD5

 469C6A

 D1FFF1

 298152

 EFFFFFF

 00683B

 004F25

 00370F

 002300

 000000

 7DD39E

 7DD39E

 68D391

 92D3AB

 53D384

 A7D3B8

 3ED377

 BCD3C5

 29D36A

 D1D3D2

 14D35D

 E6D3DF

 00D351

 FCD3EC

 FFD3F9

 FFD3FF

Harmonies

Analogous

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



ACCC80



7DD39E



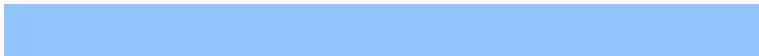
46D6C5

Triad

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



7DD39E



91C3FF



FFA798

Complementary

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



7DD39E



D37DB2

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.



FFA3BD



7DD39E



CDB5FF

Square

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



7DD39E



4BCEFF



F7A8E4



F6B37C

Rectangle

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



7DD39E



1BD5E0



F7A8E4



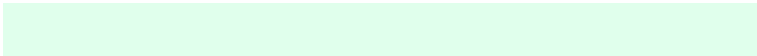
FFA5A3

Sweetspot

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



7DD39E



E0FFEC



B2D37D



6E8074



000000



808080

Same Dimension

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



7DD39E



82FFB2



7DD3C9



5E6962



00A841



002910

Inverse Universe

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



D37DB2



FF82CF



D37D87



695E65



A80068



290019

Previews

White Background



This preview shows how the Hex color 7DD39E 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 7DD39E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

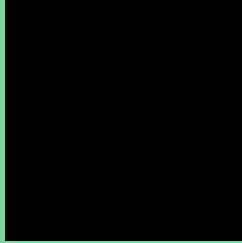
Any Text WCAG AA ✓ Pass

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 7DD39E Background



This preview shows how black text looks on a background with the Hex color 7DD39E.

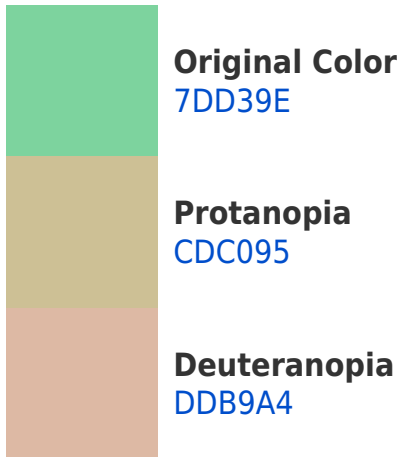


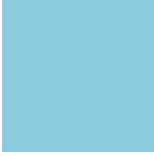
This preview shows how white text looks on a background with the Hex color 7DD39E.

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](#).

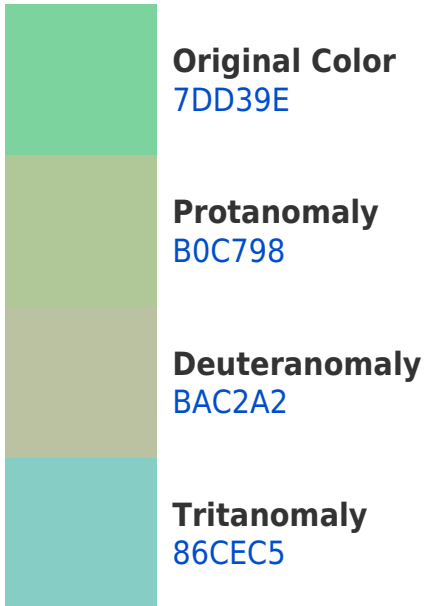
Dichromacy



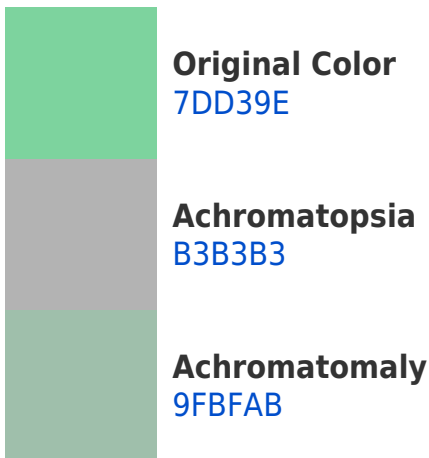


Tritanopia
8BCBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DD39E 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 #7DD39E looks like.

```
.text, #text, p{  
    color:#7DD39E  
}
```

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 #7DD39E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DD39E
}
```

Border

The CSS property to change the border of an element to Hex 7DD39E 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
#7DD39E }
```

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

```
.border{ border-color:#7DD39E }
```

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

Here you see how a box with a 4 pixel #7DD39E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DD39E; -webkit-box-shadow:4px 4px  
4px 4px #7DD39E; box-shadow:4px 4px 4px  
4px #7DD39E }
```

Background

The CSS property to change the background color of an element to Hex 7DD39E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DD39E }
```

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

```
.background{ background-color:#7DD39E }
```

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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