

Converting Colors

Hex(7DD3AE)

Have a look what the booklet for
Hex(7DD3AE) contains.

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Color

Hex(7DD3AE)

Conversions

Conversions Part 1

Format	Color
Hex	7DD3AE
RGB	125, 211, 174
RGB Percent	49%, 83%, 68%
CMY	0.5098, 0.1725, 0.3176
CMYK	0.41, 0.00, 0.18, 0.17
HSL	154°, 49%, 66%
HSV	154°, 41%, 83%
XYZ	39.3917, 54.0045, 48.3921
YIQ	181.0680, -39.3790, -29.7390

Conversions

Conversions Part 2

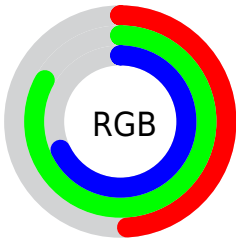
Format	Color
RYB	125, 180, 211
Decimal	8246190
CIELab	78.46, -34.39, 10.24
CIELCh	78, 35.881, 163.416
Yxy	54.0045, 0.2778, 0.3809
Android (android.graphics.Color)	4286436270 (0xFF7DD3AE)
YUV	181.0680, -3.4845, -49.1716
Hunter-Lab	73.4878, -32.9221, 12.3986

Details

The Hex color **7DD3AE** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D37DA2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B5FFE5**, and **469C7A** is the 20% darker color. If you saturate the color by 10%, you get **68D3A5**, and if you desaturate by 10%, it is **92D3B7**.

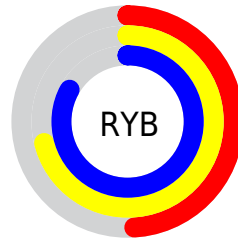
Distribution



Red (49%)

Green (83%)

Blue (68%)



Red (49%)

Yellow (71%)

Blue (83%)

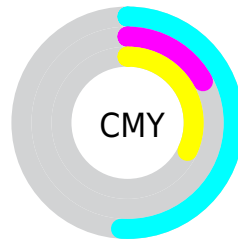


Cyan (41%)

Magenta (0%)

Yellow (18%)

Black (17%)



Cyan (51%)

Magenta (17%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DD3AE 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 7DD3AE by changing the saturation by 10% instead.

 7DD3AE

 7DD3AE

FFFFFF

 62B793

 B5FFE5

 469C7A

 D1FFFF

 298261

 EFFFFFF

 006849

 004F32

 00381D

 002404

 000000

 7DD3AE

 7DD3AE

 68D3A5

 92D3B7

 53D39C

 A7D3C0

 3ED393

 BCD3C9

 29D38A

 D1D3D2

 14D381

 E6D3DB

 00D378

 FCD3E4

 FFD3EE

 FFD3F7

 FFD3FF

Harmonies

Analogous

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



A5CE91



7DD3AE



59D4D0

Triad

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



7DD3AE



ACC0FF



FEAF96

Complementary

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



7DD3AE



D37DA2

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.



FFA9B4



7DD3AE



D9B4F3

Square

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



7DD3AE



79CBFF



F8ABD6



E9BA83

Rectangle

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



7DD3AE



4FD3E6



F8ABD6



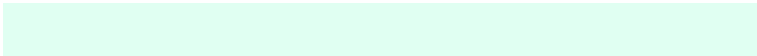
FFAC9F

Sweetspot

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



7DD3AE



E0FFF2



A2D37D



6E8078



000000



808080

Same Dimension

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



7DD3AE



82FFC9



7DCDD3



5E6964



00A860



002917

Inverse Universe

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



D37DA2



FF82B8



D3837D



695E63



A80048



290012

Previews

White Background



This preview shows how the Hex color 7DD3AE looks on a white background.

Color Contrast Check

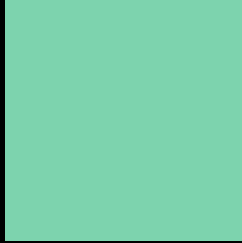
Large Text (above 18pt) WCAG AA × Fail

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 7DD3AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

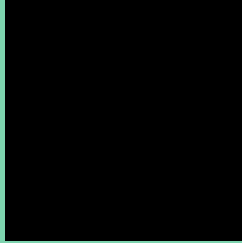
Any Text WCAG AA ✓ Pass

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 7DD3AE Background



This preview shows how black text looks on a background with the Hex color 7DD3AE.

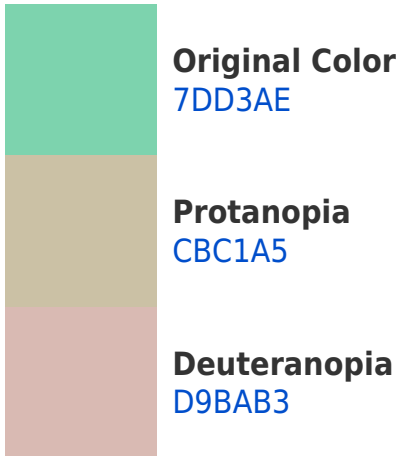


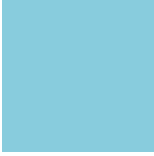
This preview shows how white text looks on a background with the Hex color 7DD3AE.

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
88CCDD

Trichromacy



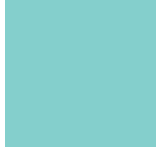
Original Color
7DD3AE



Protanomaly
AFC8A8



Deuteranomaly
B8C3B1

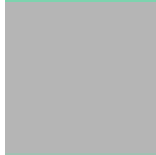


Tritanomaly
84CFCC

Monochromacy



Original Color
7DD3AE



Achromatopsia
B5B5B5



Achromatomaly
A1C0B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DD3AE 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 #7DD3AE looks like.

```
.text, #text, p{  
    color:#7DD3AE  
}
```

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 #7DD3AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DD3AE
}
```

Border

The CSS property to change the border of an element to Hex 7DD3AE 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
#7DD3AE }
```

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

```
.border{ border-color:#7DD3AE }
```

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

Here you see how a box with a 4 pixel #7DD3AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DD3AE; -webkit-box-shadow:4px 4px  
4px 4px #7DD3AE; box-shadow:4px 4px 4px  
4px #7DD3AE }
```

Background

The CSS property to change the background color of an element to Hex 7DD3AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DD3AE }
```

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

```
.background{ background-color:#7DD3AE }
```

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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