

Converting Colors

Hex(7DD4A3)

Have a look what the booklet for
Hex(7DD4A3) contains.

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Color

Hex(7DD4A3)

Conversions

Conversions Part 1

Format	Color
Hex	7DD4A3
RGB	125, 212, 163
RGB Percent	49%, 83%, 64%
CMY	0.5098, 0.1686, 0.3608
CMYK	0.41, 0.00, 0.23, 0.17
HSL	146°, 50%, 66%
HSV	146°, 41%, 83%
XYZ	38.6118, 54.0913, 43.0559
YIQ	180.4010, -36.1230, -33.6830

Conversions

Conversions Part 2

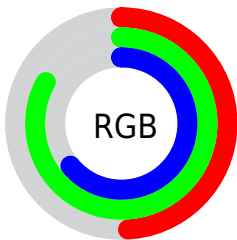
Format	Color
RYB	125, 186, 212
Decimal	8246435
CIELab	78.51, -37.08, 16.16
CIElCh	79, 40.451, 156.456
Yxy	54.0913, 0.2844, 0.3984
Android (android.graphics.Color)	4286436515 (0xFF7DD4A3)
YUV	180.4010, -8.5787, -48.5867
Hunter-Lab	73.5468, -34.9950, 16.7730

Details

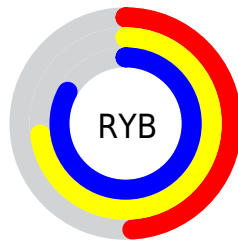
The Hex color **7DD4A3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D47DAE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B5FFDA**, and **469D6F** is the 20% darker color. If you saturate the color by 10%, you get **68D497**, and if you desaturate by 10%, it is **92D4AF**.

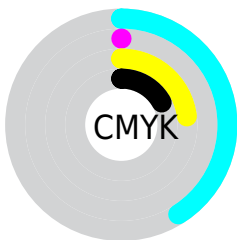
Distribution



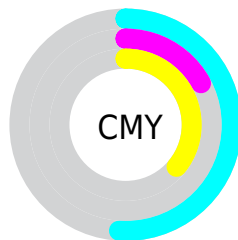
- Red (49%)
- Green (83%)
- Blue (64%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)



- Cyan (51%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DD4A3 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 7DD4A3 by changing the saturation by 10% instead.

 7DD4A3

 7DD4A3

FFFFFF

 62B889

 B5FFDA

 469D6F

 D1FFF7

 298257

 EFFFFFF

 00693F

 005029

 003814

 002400

 000000

 7DD4A3

 7DD4A3

 68D497

 92D4AF

 53D48B

 A7D4BB

 3DD47F

 BDD4C7

 28D473

 D2D4D3

 13D467

 E7D4DF

 00D45D

 FCD4EB

 FFD4F7

 FFD4FF

Harmonies

Analogous

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



ABCD85



7DD4A3



4BD7C9

Triad

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



7DD4A3



9AC3FF



FFAA97

Complementary

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



7DD4A3



D47DAE

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.



FFA5BB



7DD4A3



D1B6FF

Square

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



7DD4A3



59CEFF



F8AAE1



F4B67E

Rectangle

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



7DD4A3



2DD6E2



F8AAE1



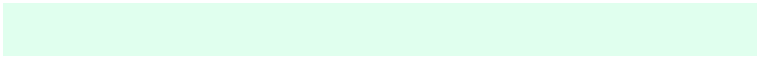
FFA7A3

Sweetspot

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



7DD4A3



E0FFEE



AED47D



6E8075



000000



808080

Same Dimension

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



7DD4A3



82FFB9



7DD4CE



606B65



00AB4B



002B13

Inverse Universe

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



D47DAE



FF82C8



D47D83



6B6066



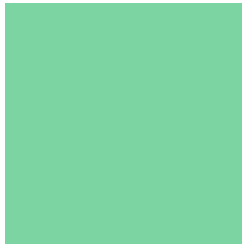
AB0060



2B0018

Previews

White Background



This preview shows how the Hex color 7DD4A3 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 7DD4A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

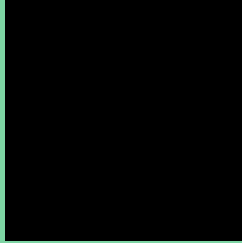
Any Text WCAG AA ✓ Pass

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 7DD4A3 Background



This preview shows how black text looks on a background with the Hex color 7DD4A3.

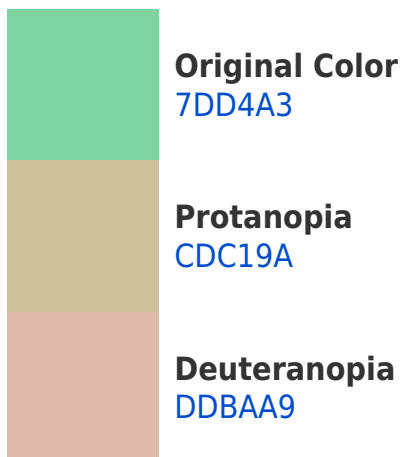


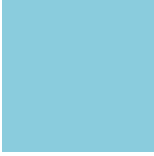
This preview shows how white text looks on a background with the Hex color 7DD4A3.

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





Trichromacy



Original Color
7DD4A3



Protanomaly
B0C89D



Deuteranomaly
BAC3A7



Tritanomaly
85CFC8

Monochromacy



Original Color
7DD4A3



Achromatopsia
B4B4B4



Achromatomaly
A0C0AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DD4A3 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 #7DD4A3 looks like.

```
.text, #text, p{  
    color:#7DD4A3  
}
```

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 #7DD4A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DD4A3
}
```

Border

The CSS property to change the border of an element to Hex 7DD4A3 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
#7DD4A3 }
```

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

```
.border{ border-color:#7DD4A3 }
```

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

Here you see how a box with a 4 pixel #7DD4A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DD4A3; -webkit-box-shadow:4px 4px  
4px 4px #7DD4A3; box-shadow:4px 4px 4px  
4px #7DD4A3 }
```

Background

The CSS property to change the background color of an element to Hex 7DD4A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DD4A3 }
```

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

```
.background{ background-color:#7DD4A3 }
```

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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