

Converting Colors

Hex(7DD4A1)

Have a look what the booklet for
Hex(7DD4A1) contains.

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Color

Hex(7DD4A1)

Conversions

Conversions Part 1

Format	Color
Hex	7DD4A1
RGB	125, 212, 161
RGB Percent	49%, 83%, 63%
CMY	0.5098, 0.1686, 0.3686
CMYK	0.41, 0.00, 0.24, 0.17
HSL	145°, 50%, 66%
HSV	145°, 41%, 83%
XYZ	38.4340, 54.0201, 42.1195
YIQ	180.1730, -35.4810, -34.3050

Conversions

Conversions Part 2

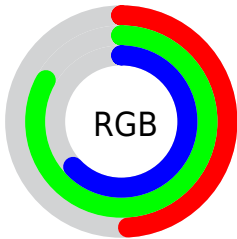
Format	Color
RYB	125, 187, 212
Decimal	8246433
CIELab	78.47, -37.47, 17.16
CIELCh	78, 41.216, 155.397
Yxy	54.0201, 0.2856, 0.4014
Android (android.graphics.Color)	4286436513 (0xFF7DD4A1)
YUV	180.1730, -9.4523, -48.3867
Hunter-Lab	73.4984, -35.2806, 17.4718

Details

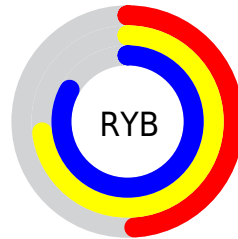
The Hex color **7DD4A1** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D47DB0**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B5FFD8**, and **469D6D** is the 20% darker color. If you saturate the color by 10%, you get **68D495**, and if you desaturate by 10%, it is **92D4AD**.

Distribution



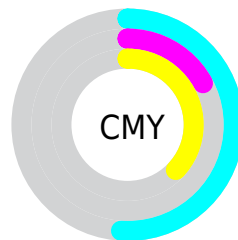
- Red (49%)
- Green (83%)
- Blue (63%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (51%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DD4A1 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 7DD4A1 by changing the saturation by 10% instead.

 7DD4A1

 7DD4A1

FFFFFF

 62B887

 B5FFD8

 469D6D

 D1FFF4

 298255

 EFFFFFF

 00693D

 005027

 003812

 002400

 000000

 7DD4A1

 7DD4A1

 68D495

 92D4AD

 53D488

 A7D4BA

 3DD47C

 BDD4C6

 28D46F

 D2D4D3

 13D463

 E7D4DF

 00D458

 FCD4EC

 FFD4F8

 FFD4FF

Harmonies

Analogous

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



ACCD82



7DD4A1



48D7C8

Triad

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



7DD4A1



96C4FF



FFA998

Complementary

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



7DD4A1



D47DB0

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.



FFA4BD



7DD4A1



D0B6FF

Square

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



7DD4A1



53CFFF



F8A9E3



F6B57D

Rectangle

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



7DD4A1



24D6E2



F8A9E3



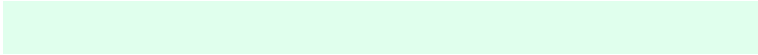
FFA6A3

Sweetspot

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



7DD4A1



E0FFED



B1D47D



6E8075



000000



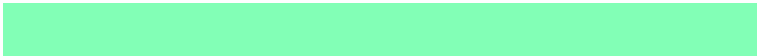
808080

Same Dimension

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



7DD4A1



82FFB6



7DD4CB



606B65



00AB47



002B12

Inverse Universe

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



D47DB0



FF82CB



D47D86



6B6067



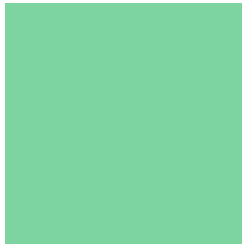
AB0064



2B0019

Previews

White Background



This preview shows how the Hex color 7DD4A1 looks on a white background.

Color Contrast Check

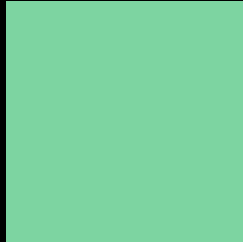
Large Text (above 18pt) WCAG AA × Fail

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 7DD4A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

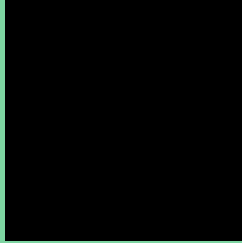
Any Text WCAG AA ✓ Pass

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 7DD4A1 Background



This preview shows how black text looks on a background with the Hex color 7DD4A1.

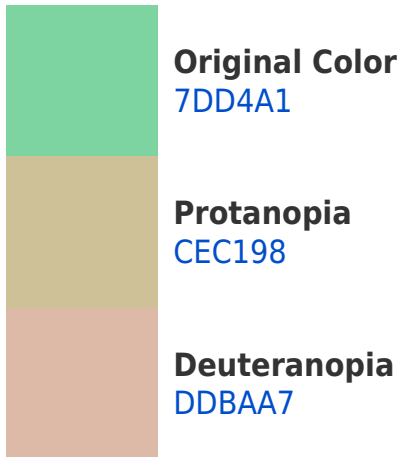


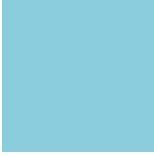
This preview shows how white text looks on a background with the Hex color 7DD4A1.

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
8BCCDD

Trichromacy



Original Color
7DD4A1



Protanomaly
B1C89B



Deuteranomaly
BAC3A5

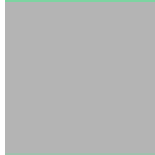


Tritanomaly
86CFC7

Monochromacy



Original Color
7DD4A1



Achromatopsia
B4B4B4



Achromatomaly
A0C0AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DD4A1 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 #7DD4A1 looks like.

```
.text, #text, p{  
    color:#7DD4A1  
}
```

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 #7DD4A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DD4A1
}
```

Border

The CSS property to change the border of an element to Hex 7DD4A1 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
#7DD4A1 }
```

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

```
.border{ border-color:#7DD4A1 }
```

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

Here you see how a box with a 4 pixel #7DD4A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DD4A1; -webkit-box-shadow:4px 4px  
4px 4px #7DD4A1; box-shadow:4px 4px 4px  
4px #7DD4A1 }
```

Background

The CSS property to change the background color of an element to Hex 7DD4A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DD4A1 }
```

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

```
.background{ background-color:#7DD4A1 }
```

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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