

Converting Colors

Hex(4DDA7D)

Have a look what the booklet for
Hex(4DDA7D) contains.

Hex(4DDA7D)	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(4DDA7D)

Conversions

Conversions Part 1

Format	Color
Hex	4DDA7D
RGB	77, 218, 125
RGB Percent	30%, 85%, 49%
CMY	0.6980, 0.1451, 0.5098
CMYK	0.65, 0.00, 0.43, 0.15
HSL	140°, 66%, 58%
HSV	140°, 65%, 85%
XYZ	31.8336, 53.2013, 27.9931
YIQ	165.2390, -54.1830, -58.8150

Conversions

Conversions Part 2

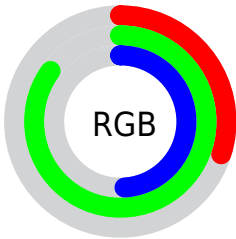
Format	Color
RYB	77, 182, 218
Decimal	5102205
CIELab	77.99, -57.91, 34.89
CIELCh	78, 67.609, 148.936
Yxy	53.2013, 0.2816, 0.4707
Android (android.graphics.Color)	4283292285 (0xFF4DDA7D)
YUV	165.2390, -19.8378, -77.3856
Hunter-Lab	72.9392, -49.7389, 28.3027

Details

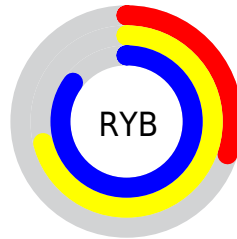
The Hex color **4DDA7D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DA4DAA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8CFFB3**, and **00A24A** is the 20% darker color. If you saturate the color by 10%, you get **37DA6F**, and if you desaturate by 10%, it is **63DA8B**.

Distribution



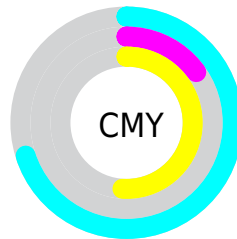
- Red (30%)
- Green (85%)
- Blue (49%)



- Red (30%)
- Yellow (71%)
- Blue (85%)



- Cyan (65%)
- Magenta (0%)
- Yellow (43%)
- Black (15%)



- Cyan (70%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DDA7D 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 4DDA7D by changing the saturation by 10% instead.

 4DDA7D

 4DDA7D

FFFFFF

 26BE63

 8CFFB3

 00A24A

 AAFFCE

 008732

 C8FFEB

 006C1A

 E6FFFF

 005300

 003A00

 002300

 000000

 4DDA7D

 4DDA7D

 37DA6F

 63DA8B

 21DA60

 79DA9A

 0CDA52

 8EDAA8

 00DA4A

 A4DAB7

 BADAC5

 D0DAD3

 E6DAE2

 FBDAF0

 FFDAFE

Harmonies

Analogous

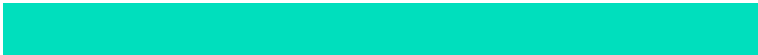
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6CF4B



4DDA7D



00DFBD

Triad

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



4DDA7D



00C9FF



FF8F88

Complementary

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



4DDA7D



DA4DAA

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.



FF87C6



4DDA7D



BEB1FF

Square

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



4DDA7D



00D8FF



FF97FF



FFA555

Rectangle

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



4DDA7D



00DFE8



FF97FF



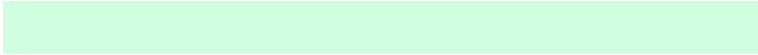
FF8A9C

Sweetspot

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



4DDA7D



CFFDFD



ABDA4D



62806C



000000



808080

Same Dimension

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



4DDA7D



38FF7C



4DDAC2



636E66



00AD3B



002E10

Inverse Universe

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



DA4DAA



FF38BB



DA4D65



6E636A



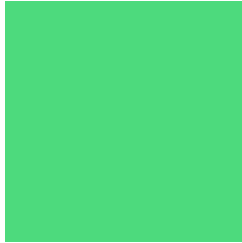
AD0072



2E001E

Previews

White Background



This preview shows how the Hex color 4DDA7D looks on a white background.

Color Contrast Check

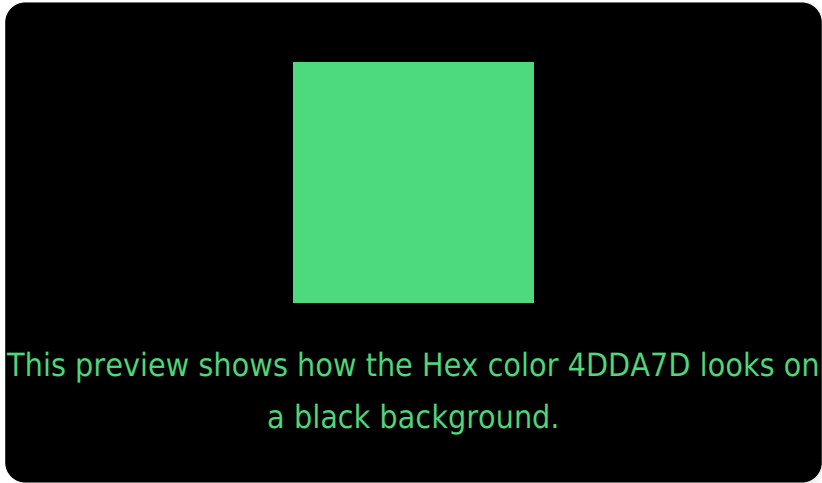
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

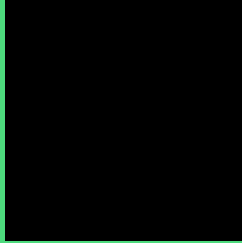
Any Text WCAG AA ✓ Pass

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 4DDA7D Background



This preview shows how black text looks on a background with the Hex color 4DDA7D.

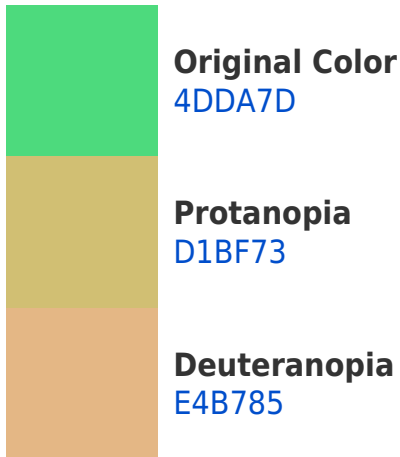


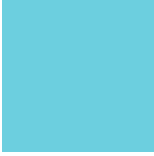
This preview shows how white text looks on a background with the Hex color 4DDA7D.

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
6CCFDF

Trichromacy



Original Color
4DDA7D



Protanomaly
A1C977



Deuteranomaly
ADC482



Tritanomaly
61D3BB

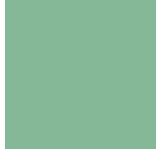
Monochromacy



Original Color
4DDA7D



Achromatopsia
A5A5A5



Achromatomaly
85B896

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DDA7D 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 #4DDA7D looks like.

```
.text, #text, p{  
    color:#4DDA7D  
}
```

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 #4DDA7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DDA7D
}
```

Border

The CSS property to change the border of an element to Hex 4DDA7D 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
#4DDA7D }
```

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

```
.border{ border-color:#4DDA7D }
```

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

Here you see how a box with a 4 pixel #4DDA7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DDA7D; -webkit-box-shadow:4px 4px  
4px 4px #4DDA7D; box-shadow:4px 4px 4px  
4px #4DDA7D }
```

Background

The CSS property to change the background color of an element to Hex 4DDA7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DDA7D }
```

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

```
.background{ background-color:#4DDA7D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor