

Converting Colors

Hex(4DDB9D)

Have a look what the booklet for
Hex(4DDB9D) contains.

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Color

Hex(4DDB9D)

Conversions

Conversions Part 1

Format	Color
Hex	4DDB9D
RGB	77, 219, 157
RGB Percent	30%, 86%, 62%
CMY	0.6980, 0.1412, 0.3843
CMYK	0.65, 0.00, 0.28, 0.14
HSL	154°, 66%, 58%
HSV	154°, 65%, 86%
XYZ	34.4779, 54.6751, 40.6345
YIQ	169.4740, -64.7300, -49.3860

Conversions

Conversions Part 2

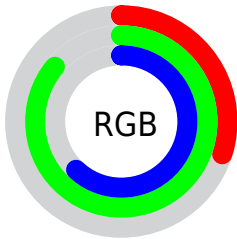
Format	Color
RYB	77, 168, 219
Decimal	5102493
CIELab	78.85, -52.26, 19.55
CIELCh	79, 55.797, 159.492
Yxy	54.6751, 0.2656, 0.4213
Android (android.graphics.Color)	4283292573 (0xFF4DDB9D)
YUV	169.4740, -6.1497, -81.0997
Hunter-Lab	73.9426, -46.1688, 19.1776

Details

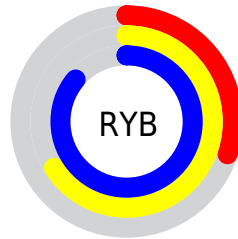
The Hex color **4DDB9D** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **DB4D8B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8CFFD4**, and **00A369** is the 20% darker color. If you saturate the color by 10%, you get **37DB93**, and if you desaturate by 10%, it is **63DBA7**.

Distribution



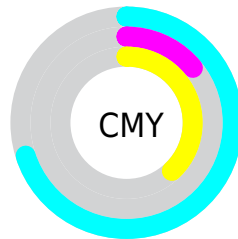
- Red (30%)
- Green (86%)
- Blue (62%)



- Red (30%)
- Yellow (66%)
- Blue (86%)



- Cyan (65%)
- Magenta (0%)
- Yellow (28%)
- Black (14%)



- Cyan (70%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DDB9D 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 4DDB9D by changing the saturation by 10% instead.



4DDB9D



4DDB9D

FFFFFF



26BF83



8CFFD4



00A369



AAFFF0



008851



C8FFFF



006E3A



E6FFFF



005423



003B0E



002500



000000



4DDB9D



4DDB9D

 37DB93

 63DBA7

 21DB8A

 79DBB0

 08DB80

 8FDBBA

 00DB7B

 A5DBC3

 BADBCD

 D0DBD6

 E6DBE0

 FCDBE9

 FFDBF3

Harmonies

Analogous

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



9AD370



4DDB9D



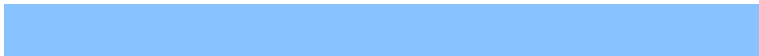
00DED3

Triad

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



4DDB9D



89C3FF



FFA184

Complementary

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



4DDB9D



DB4D8B

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.



FF97B5



4DDB9D



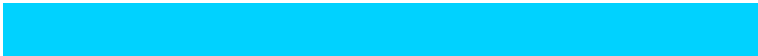
DDAFFF

Square

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



4DDB9D



00D2FF



FF9DE9



FFB461

Rectangle

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



4DDB9D



00DDF5



FF9DE9



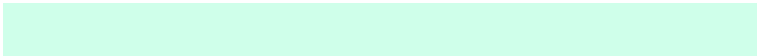
FF9C93

Sweetspot

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



4DDB9D



CFFFEA



8DDB4D



628073



000000



808080

Same Dimension

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



4DDB9D



38FFA8



4DD4DB



636E69



00AD62



002E1A

Inverse Universe

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



DB4D8B



FF388F



DB544D



6E6367



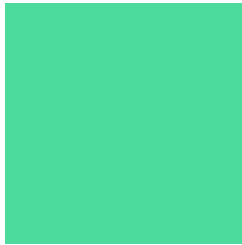
AD004C



2E0014

Previews

White Background



This preview shows how the Hex color 4DDB9D looks on a white background.

Color Contrast Check

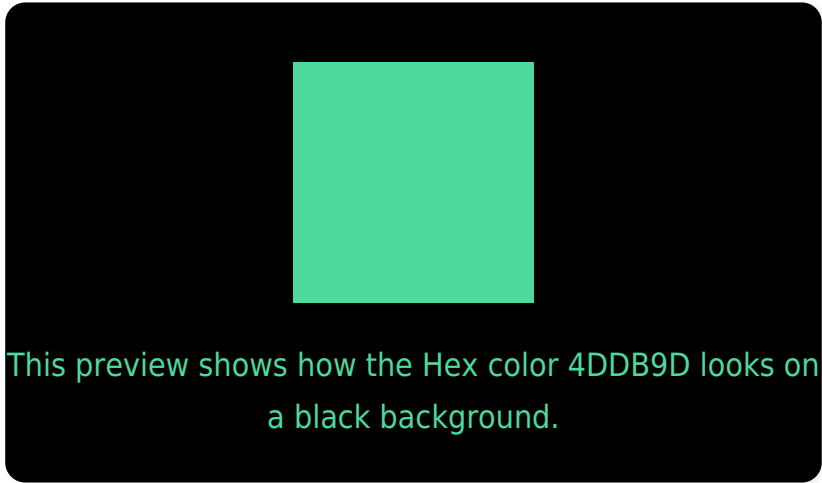
Large Text (above 18pt) WCAG AA × Fail

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

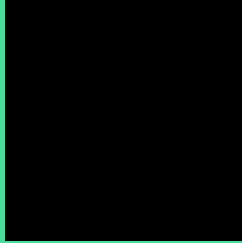
Any Text WCAG AA ✓ Pass

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 4DDB9D Background



This preview shows how black text looks on a background with the Hex color 4DDB9D.

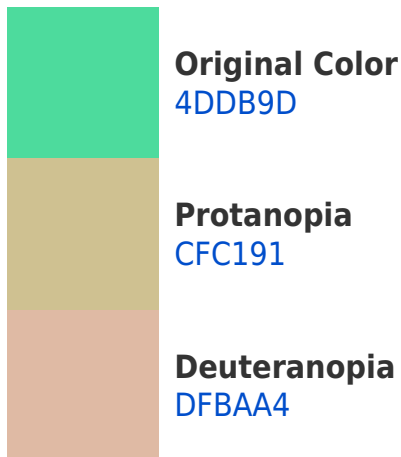


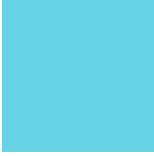
This preview shows how white text looks on a background with the Hex color 4DDB9D.

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](#).

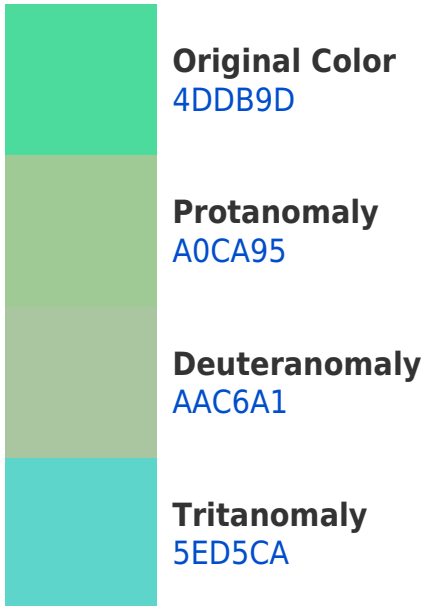
Dichromacy



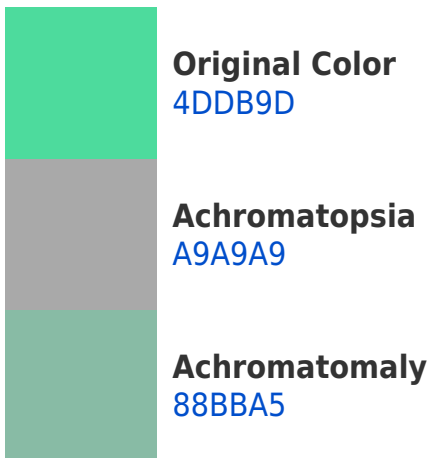


Tritanopia
67D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DDB9D 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 #4DDB9D looks like.

```
.text, #text, p{  
    color:#4DDB9D  
}
```

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 #4DDB9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DDB9D
}
```

Border

The CSS property to change the border of an element to Hex 4DDB9D 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
#4DDB9D }
```

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

```
.border{ border-color:#4DDB9D }
```

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

Here you see how a box with a 4 pixel #4DDB9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DDB9D; -webkit-box-shadow:4px 4px  
4px 4px #4DDB9D; box-shadow:4px 4px 4px  
4px #4DDB9D }
```

Background

The CSS property to change the background color of an element to Hex 4DDB9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DDB9D }
```

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

```
.background{ background-color:#4DDB9D }
```

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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