

Converting Colors

Hex(46D7AD)

Have a look what the booklet for
Hex(46D7AD) contains.

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Color

Hex(46D7AD)

Conversions

Conversions Part 1

Format	Color
Hex	46D7AD
RGB	70, 215, 173
RGB Percent	27%, 84%, 68%
CMY	0.7255, 0.1569, 0.3216
CMYK	0.67, 0.00, 0.20, 0.16
HSL	163°, 64%, 56%
HSV	163°, 67%, 84%
XYZ	34.3691, 52.9201, 47.9383
YIQ	166.8570, -72.9380, -43.8020

Conversions

Conversions Part 2

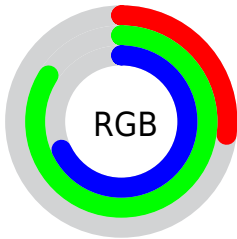
Format	Color
RYB	70, 155, 215
Decimal	4642733
CIELab	77.83, -48.21, 9.62
CIElCh	78, 49.165, 168.713
Yxy	52.9201, 0.2542, 0.3913
Android (android.graphics.Color)	4282832813 (0xFF46D7AD)
YUV	166.8570, 3.0285, -84.9436
Hunter-Lab	72.7462, -42.9733, 11.8514

Details

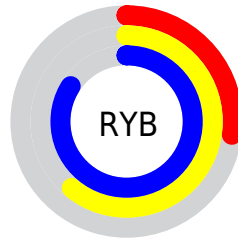
The Hex color **46D7AD** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D74670**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **86FFE4**, and **009F79** is the 20% darker color. If you saturate the color by 10%, you get **31D7A7**, and if you desaturate by 10%, it is **5CD7B3**.

Distribution



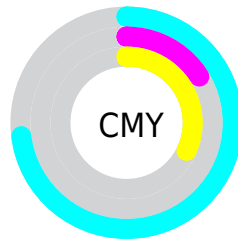
- Red (27%)
- Green (84%)
- Blue (68%)



- Red (27%)
- Yellow (61%)
- Blue (84%)



- Cyan (67%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (73%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46D7AD 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 46D7AD by changing the saturation by 10% instead.

 46D7AD

 46D7AD

FFFFFF

 19BB92

 86FFE4

 009F79

 A5FFFF

 008460

 C3FFFF

 006A48

 E1FFFF

 005132

 00391D

 002204

 000000

 46D7AD

 46D7AD

 31D7A7

 5CD7B3

 1BD7A1

 71D7B9

 05D79A

 87D7C0

 00D799

 9CD7C6

 B2D7CC

 C7D7D2

 DDD7D9

 F2D7DF

 FFD7E5

Harmonies

Analogous

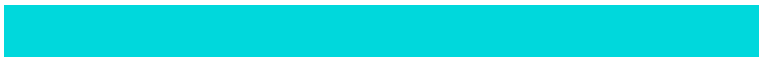
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CD182



46D7AD



00D8DC

Triad

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



46D7AD



AABBFF



FFA87E

Complementary

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



46D7AD



D74670

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.



FF9CA5



46D7AD



E8AAFD

Square

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



46D7AD



4DCAFF



FF9DD4



ECB866

Rectangle

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



46D7AD



00D6F8



FF9DD4



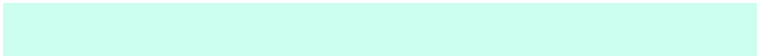
FFA38A

Sweetspot

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



46D7AD



CCFFF0



72D746



618077



000000



808080

Same Dimension

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



46D7AD



30FFC3



46BAD7



606B68



00AB79



002B1F

Inverse Universe

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



D74670



FF306C



D76346



6B6063



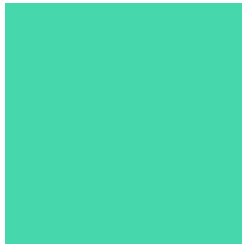
AB0031



2B000D

Previews

White Background



This preview shows how the Hex color 46D7AD looks on a white background.

Color Contrast Check

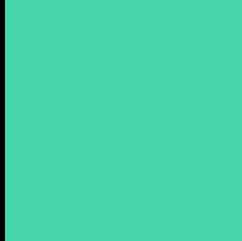
Large Text (above 18pt) WCAG AA × Fail

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 46D7AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

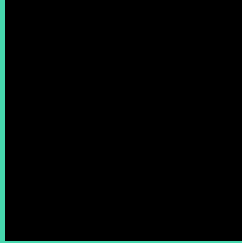
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

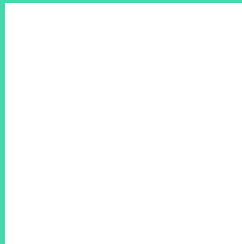
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 46D7AD Background



This preview shows how black text looks on a background with the Hex color 46D7AD.

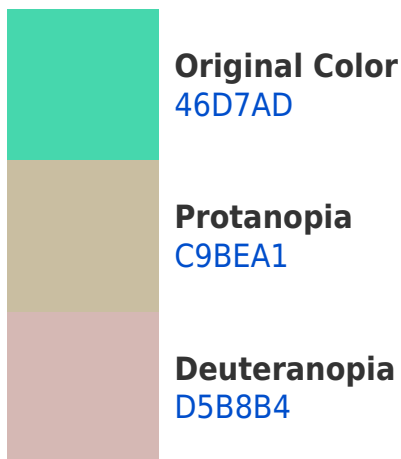


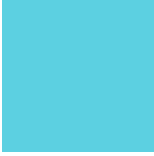
This preview shows how white text looks on a background with the Hex color 46D7AD.

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
5CD0E1

Trichromacy



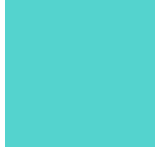
Original Color
46D7AD



Protanomaly
99C7A5



Deuteranomaly
A1C3B1



Tritanomaly
54D3CE

Monochromacy



Original Color
46D7AD



Achromatopsia
A7A7A7



Achromatomaly
84B8A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 46D7AD 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 #46D7AD looks like.

```
.text, #text, p{  
    color:#46D7AD  
}
```

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 #46D7AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46D7AD }  
}
```

Border

The CSS property to change the border of an element to Hex 46D7AD 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 #46D7AD }  
}
```

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

```
.border{ border-color:#46D7AD }
```

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

Here you see how a box with a 4 pixel #46D7AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46D7AD; -webkit-box-shadow:4px 4px  
4px 4px #46D7AD; box-shadow:4px 4px 4px  
4px #46D7AD }
```

Background

The CSS property to change the background color of an element to Hex 46D7AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46D7AD }
```

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

```
.background{ background-color:#46D7AD }
```

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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