

Converting Colors

Hex(47D6AE)

Have a look what the booklet for
Hex(47D6AE) contains.

Hex(47D6AE)	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(47D6AE)

Conversions

Conversions Part 1

Format	Color
Hex	47D6AE
RGB	71, 214, 174
RGB Percent	28%, 84%, 68%
CMY	0.7216, 0.1608, 0.3176
CMYK	0.67, 0.00, 0.19, 0.16
HSL	163°, 64%, 56%
HSV	163°, 67%, 84%
XYZ	34.2851, 52.4887, 48.3687
YIQ	166.6830, -72.3880, -42.7560

Conversions

Conversions Part 2

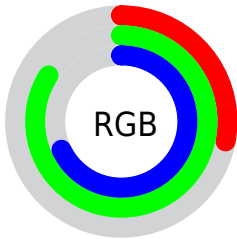
Format	Color
RYB	71, 154, 214
Decimal	4708014
CIELab	77.57, -47.40, 8.73
CIELCh	78, 48.200, 169.568
Yxy	52.4887, 0.2537, 0.3884
Android (android.graphics.Color)	4282898094 (0xFF47D6AE)
YUV	166.6830, 3.6073, -83.9140
Hunter-Lab	72.4491, -42.3144, 11.1310

Details

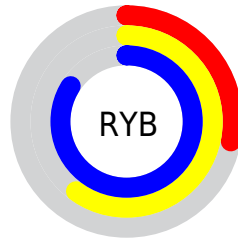
The Hex color **47D6AE** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D6476F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **87FFE5**, and **009E7A** is the 20% darker color. If you saturate the color by 10%, you get **32D6A8**, and if you desaturate by 10%, it is **5CD6B4**.

Distribution



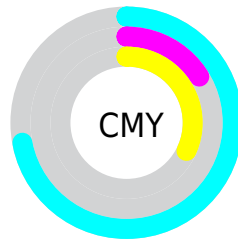
- Red (28%)
- Green (84%)
- Blue (68%)



- Red (28%)
- Yellow (60%)
- Blue (84%)



- Cyan (67%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (72%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47D6AE 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 47D6AE by changing the saturation by 10% instead.

 47D6AE

 47D6AE

FFFFFF

 1BBA93


 87FFE5

 009E7A

 A5FFFF

 008361

 C4FFFF

 006949

 E2FFFF

 005032

 00381D

 002205

 000000

 47D6AE

 47D6AE

 32D6A8

 5CD6B4

 1CD6A2

 72D6BA

 07D69C

 87D6C0

 00D69A

 9DD6C6

 B2D6CC

 C7D6D2

 DDD6D8

 F2D6DE

 FFD6E4

Harmonies

Analogous

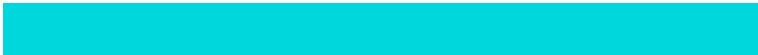
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8BD084



47D6AE



00D7DC

Triad

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



47D6AE



ACBAFF



FFA87D

Complementary

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



47D6AE



D6476F

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.



FF9DA4



47D6AE



E8A9FA

Square

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



47D6AE



55C9FF



FF9DD1



E9B867

Rectangle

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



47D6AE



00D5F7



FF9DD1



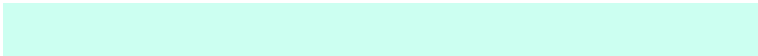
FFA389

Sweetspot

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



47D6AE



CCFFF1



70D647



618077



000000



808080

Same Dimension

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



47D6AE



33FFC6



47B7D6



606B68



00AB7B



002B1F

Inverse Universe

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



D6476F



FF336C



D66647



6B6063



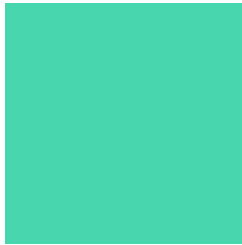
AB0030



2B000C

Previews

White Background



This preview shows how the Hex color 47D6AE 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 47D6AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

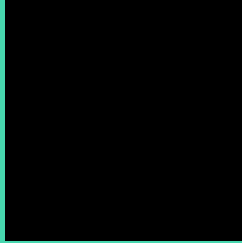
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

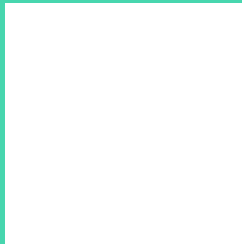
Any Text WCAG AAA ✓ Pass

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

Hex 47D6AE Background



This preview shows how black text looks on a background with the Hex color 47D6AE.



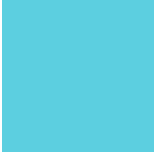
This preview shows how white text looks on a background with the Hex color 47D6AE.

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](#).

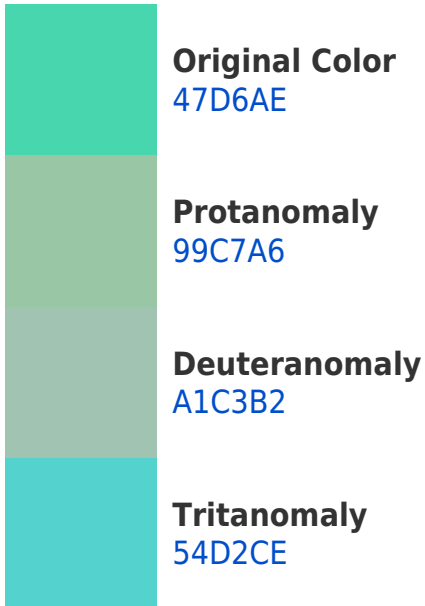
Dichromacy



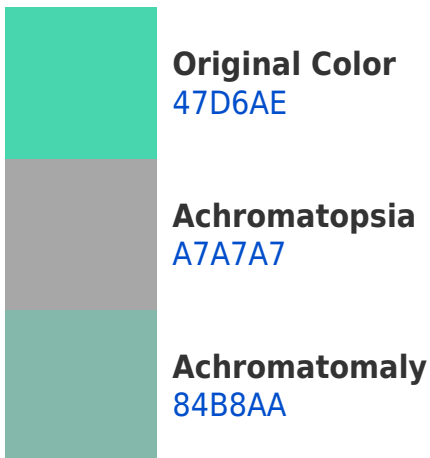


Tritanopia
5CCFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47D6AE 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 #47D6AE looks like.

```
.text, #text, p{  
    color:#47D6AE  
}
```

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 #47D6AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D6AE
}
```

Border

The CSS property to change the border of an element to Hex 47D6AE 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
#47D6AE }
```

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

```
.border{ border-color:#47D6AE }
```

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

Here you see how a box with a 4 pixel #47D6AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D6AE; -webkit-box-shadow:4px 4px  
4px 4px #47D6AE; box-shadow:4px 4px 4px  
4px #47D6AE }
```

Background

The CSS property to change the background color of an element to Hex 47D6AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D6AE }
```

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

```
.background{ background-color:#47D6AE }
```

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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