

Converting Colors

Hex(25C4AD)

Have a look what the booklet for
Hex(25C4AD) contains.

Hex(25C4AD)	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(25C4AD)

Conversions

Conversions Part 1

Format	Color
Hex	25C4AD
RGB	37, 196, 173
RGB Percent	15%, 77%, 68%
CMY	0.8549, 0.2314, 0.3216
CMYK	0.81, 0.00, 0.12, 0.23
HSL	171°, 68%, 46%
HSV	171°, 81%, 77%
XYZ	28.0457, 42.8903, 46.3357
YIQ	145.8370, -87.3810, -40.8610

Conversions

Conversions Part 2

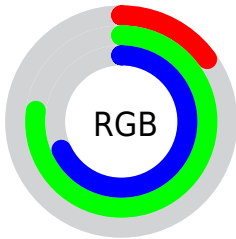
Format	Color
RYB	37, 123, 196
Decimal	2475181
CIELab	71.48, -44.20, 0.39
CIELCh	71, 44.199, 179.490
Yxy	42.8903, 0.2392, 0.3657
Android (android.graphics.Color)	4280665261 (0xFF25C4AD)
YUV	145.8370, 13.3914, -95.4500
Hunter-Lab	65.4907, -38.1679, 3.8949

Details

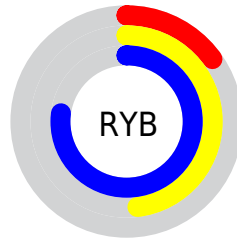
The Hex color **25C4AD** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C4253C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **70FDE4**, and **008D79** is the 20% darker color. If you saturate the color by 10%, you get **11C4AA**, and if you desaturate by 10%, it is **39C4B0**.

Distribution



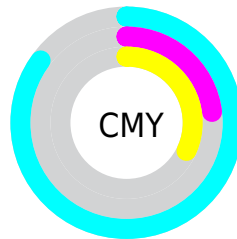
- Red (15%)
- Green (77%)
- Blue (68%)



- Red (15%)
- Yellow (48%)
- Blue (77%)



- Cyan (81%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)



- Cyan (85%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25C4AD 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 25C4AD by changing the saturation by 10% instead.

 25C4AD

 25C4AD

FFFFFF

 00A892

 70FDE4

 008D79

 8FFFFFFF

 007360

 AEFFFF

 005A48

 CCFFFF

 004132

 EBFFFF

 002B1D

 000A04

 000000

 25C4AD

 25C4AD

■ 11C4AA

■ 39C4B0

■ 00C4A8

■ 4CC4B3

■ 60C4B6

■ 73C4B8

■ 87C4BB

■ 9BC4BE

■ AEC4C1

■ C2C4C4

■ D5C4C7

Harmonies

Analogous

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



6EC085



25C4AD



00C3D5

Triad

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



25C4AD



B2A5F5



E99E6B

Complementary

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



25C4AD



C4253C

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.



FB928A



25C4AD



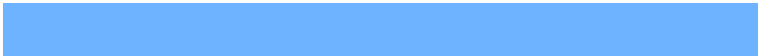
E196D9

Square

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



25C4AD



6DB3FF



F98FB1



C9AC5D

Rectangle

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



25C4AD



00C0EB



F98FB1



F19A73

Sweetspot

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



25C4AD



C2FFF6



3DC425



5B807A



000000



808080

Same Dimension

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



25C4AD



08FFDB



258CC4



57615F



00A189



00211C

Inverse Universe

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



C4253C



FF082B



C45D25



615759



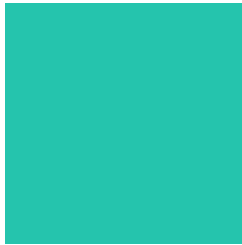
A10017



210005

Previews

White Background



This preview shows how the Hex color 25C4AD 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 25C4AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

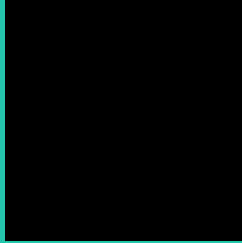
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

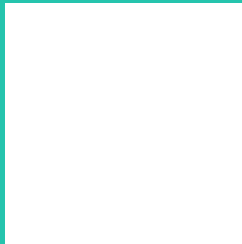
Any Text WCAG AAA ✓ Pass

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

Hex 25C4AD Background



This preview shows how black text looks on a background with the Hex color 25C4AD.



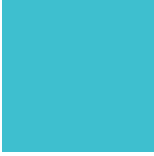
This preview shows how white text looks on a background with the Hex color 25C4AD.

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
3EBFCF

Trichromacy



Original Color
25C4AD



Protanomaly
80B5A5



Deuteranomaly
85B2B1



Tritanomaly
35C1C3

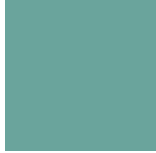
Monochromacy



Original Color
25C4AD



Achromatopsia
929292



Achromatomaly
6AA49C

CSS Examples

Text

The CSS property to change the color of the text to Hex 25C4AD 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 #25C4AD looks like.

```
.text, #text, p{  
  color:#25C4AD  
}
```

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 #25C4AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25C4AD
}
```

Border

The CSS property to change the border of an element to Hex 25C4AD 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
#25C4AD }
```

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

```
.border{ border-color:#25C4AD }
```

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

Here you see how a box with a 4 pixel #25C4AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25C4AD; -webkit-box-shadow:4px 4px  
4px 4px #25C4AD; box-shadow:4px 4px 4px  
4px #25C4AD }
```

Background

The CSS property to change the background color of an element to Hex 25C4AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25C4AD }
```

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

```
.background{ background-color:#25C4AD }
```

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