

Converting Colors

Hex(25C3AA)

Have a look what the booklet for
Hex(25C3AA) contains.

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Color

Hex(25C3AA)

Conversions

Conversions Part 1

Format	Color
Hex	25C3AA
RGB	37, 195, 170
RGB Percent	15%, 76%, 67%
CMY	0.8549, 0.2353, 0.3333
CMYK	0.81, 0.00, 0.13, 0.24
HSL	171°, 68%, 45%
HSV	171°, 81%, 76%
XYZ	27.5338, 42.3258, 44.7487
YIQ	144.9080, -86.1430, -41.2710

Conversions

Conversions Part 2

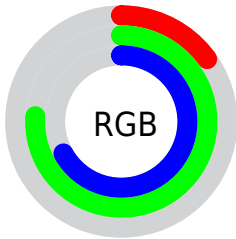
Format	Color
RYB	37, 123, 195
Decimal	2474922
CIELab	71.09, -44.57, 1.47
CIELCh	71, 44.598, 178.116
Yxy	42.3258, 0.2402, 0.3693
Android (android.graphics.Color)	4280665002 (0xFF25C3AA)
YUV	144.9080, 12.3704, -94.6353
Hunter-Lab	65.0583, -38.3078, 4.7596

Details

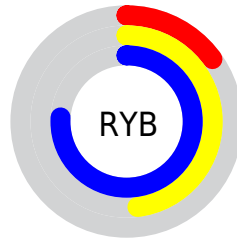
The Hex color **25C3AA** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C3253E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **70FCE1**, and **008C76** is the 20% darker color. If you saturate the color by 10%, you get **12C3A7**, and if you desaturate by 10%, it is **39C3AD**.

Distribution



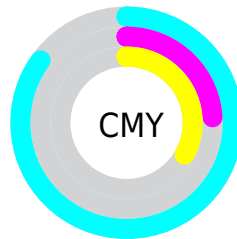
- Red (15%)
- Green (76%)
- Blue (67%)



- Red (15%)
- Yellow (48%)
- Blue (76%)



- Cyan (81%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (85%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25C3AA 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 25C3AA by changing the saturation by 10% instead.

 25C3AA

 25C3AA

FFFFFF

 00A790

 70FCE1

 008C76

 8FFFFE

 00725D

 ADFFFF

 005946

 CCFFFF

 004030

 EAFFFF

 002B1B

 000800

 000000

 25C3AA

 25C3AA

■ 12C3A7

■ 39C3AD

■ 00C3A4

■ 4CC3B0

■ 60C3B3

■ 73C3B6

■ 86C3B9

■ 9AC3BD

■ AEC3C0

■ C1C3C3

■ D5C3C6

Harmonies

Analogous

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



6FBF82



25C3AA



00C3D3

Triad

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



25C3AA



AEA4F6



E99C6A

Complementary

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



25C3AA



C3253E

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.



FB908A



25C3AA



DE96DA

Square

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



25C3AA



67B3FF



F88DB2



CAAB5B

Rectangle

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



25C3AA



00C0E9



F88DB2



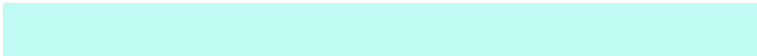
F19873

Sweetspot

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



25C3AA



C0FCF3



3FC325



5B807A



000000



808080

Same Dimension

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



25C3AA



08FCD6



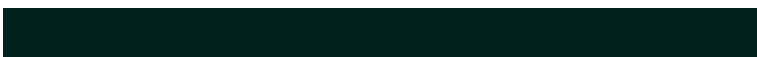
258EC3



57615F



00A187



00211C

Inverse Universe

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



C3253E



FC082E



C35A25



615759



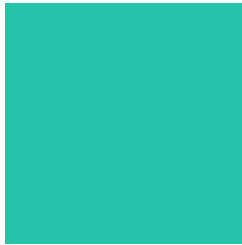
A10019



210005

Previews

White Background



This preview shows how the Hex color 25C3AA 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 25C3AA 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

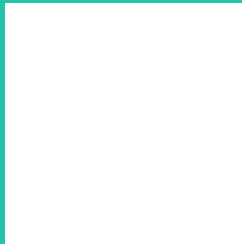
Any Text WCAG AAA ✓ Pass

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

Hex 25C3AA Background



This preview shows how black text looks on a background with the Hex color 25C3AA.



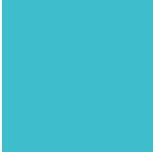
This preview shows how white text looks on a background with the Hex color 25C3AA.

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





Trichromacy



Original Color
25C3AA



Protanomaly
7FB4A2



Deuteranomaly
85B1AE



Tritanomaly
35C0C0

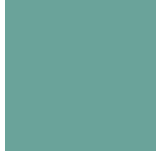
Monochromacy



Original Color
25C3AA



Achromatopsia
919191



Achromatomaly
6AA39A

CSS Examples

Text

The CSS property to change the color of the text to Hex 25C3AA 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 #25C3AA looks like.

```
.text, #text, p{  
    color:#25C3AA  
}
```

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 #25C3AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25C3AA
}
```

Border

The CSS property to change the border of an element to Hex 25C3AA 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
#25C3AA }
```

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

```
.border{ border-color:#25C3AA }
```

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

Here you see how a box with a 4 pixel #25C3AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25C3AA; -webkit-box-shadow:4px 4px  
4px 4px #25C3AA; box-shadow:4px 4px 4px  
4px #25C3AA }
```

Background

The CSS property to change the background color of an element to Hex 25C3AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25C3AA }
```

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

```
.background{ background-color:#25C3AA }
```

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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