

Converting Colors

Hex(25B9B3)

Have a look what the booklet for
Hex(25B9B3) contains.

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Color

Hex(25B9B3)

Conversions

Conversions Part 1

Format	Color
Hex	25B9B3
RGB	37, 185, 179
RGB Percent	15%, 73%, 70%
CMY	0.8549, 0.2745, 0.2980
CMYK	0.80, 0.00, 0.03, 0.27
HSL	178°, 67%, 44%
HSV	178°, 80%, 73%
XYZ	26.2486, 38.3459, 48.6659
YIQ	140.0640, -86.2820, -33.2420

Conversions

Conversions Part 2

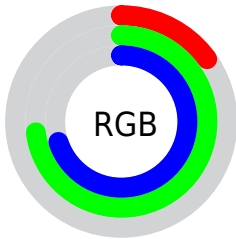
Format	Color
RYB	37, 113, 185
Decimal	2472371
CIELab	68.27, -37.65, -7.61
CIElCh	68, 38.410, 191.434
Yxy	38.3459, 0.2318, 0.3386
Android (android.graphics.Color)	4280662451 (0xFF25B9B3)
YUV	140.0640, 19.1954, -90.3871
Hunter-Lab	61.9241, -32.7039, -3.2489

Details

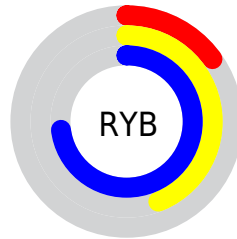
The Hex color **25B9B3** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B9252B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6FF2EB**, and **00837E** is the 20% darker color. If you saturate the color by 10%, you get **12B9B2**, and if you desaturate by 10%, it is **38B9B4**.

Distribution



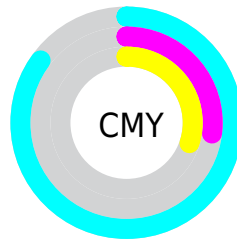
- Red (15%)
- Green (73%)
- Blue (70%)



- Red (15%)
- Yellow (44%)
- Blue (73%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (85%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25B9B3 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 25B9B3 by changing the saturation by 10% instead.

 25B9B3

 25B9B3

FFFFFF

 009E98

 6FF2EB

 00837E

 8EFFFF

 006965

 ACFFFF

 00504E

 CAFFFF

 003937

 E9FFFF

 002421

 00000B

 000000

 25B9B3

 25B9B3

■ 12B9B2

■ 38B9B4

■ 00B9B2

■ 4AB9B5

■ 5DB9B5

■ 6FB9B6

■ 82B9B7

■ 94B9B8

■ A7B9B8

■ B9B9B9

■ CCB9BA

Harmonies

Analogous

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



5EB78F



25B9B3



00B7D3

Triad

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



25B9B3



BB99DB



D09D65

Complementary

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



25B9B3



B9252B

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.



E4917A



25B9B3



DC8EBD

Square

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



25B9B3



89A5EA



EA8B9A



B0A961

Rectangle

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



25B9B3



32B3E3



EA8B9A



D8996A

Sweetspot

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



25B9B3



B6F0ED



2CB925



557876



F7F7F7



787878

Same Dimension

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



25B9B3



0AF0E6



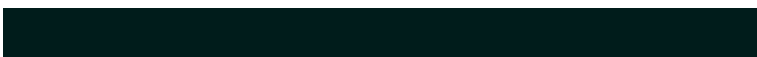
2576B9



535C5B



009C95



001C1B

Inverse Universe

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



B9252B



F00A13



B96825



5C5353



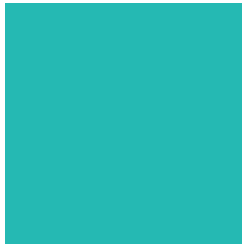
9C0006



1C0001

Previews

White Background



This preview shows how the Hex color 25B9B3 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 25B9B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

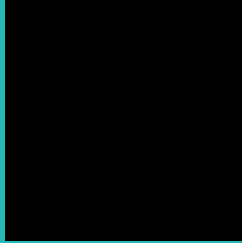
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

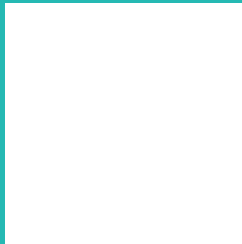
Any Text WCAG AAA ✓ Pass

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

Hex 25B9B3 Background



This preview shows how black text looks on a background with the Hex color 25B9B3.

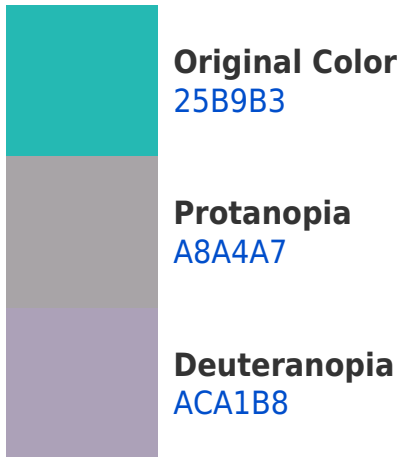


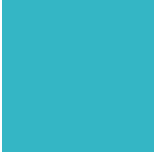
This preview shows how white text looks on a background with the Hex color 25B9B3.

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
34B6C5

Trichromacy



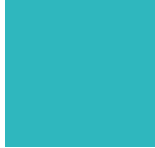
Original Color
25B9B3



Protanomaly
78ACAB



Deuteranomaly
7BAAB6



Tritanomaly
2FB7BE

Monochromacy



Original Color
25B9B3



Achromatopsia
8C8C8C



Achromatomaly
679C9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 25B9B3 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 #25B9B3 looks like.

```
.text, #text, p{  
    color:#25B9B3  
}
```

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 #25B9B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25B9B3
}
```

Border

The CSS property to change the border of an element to Hex 25B9B3 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
#25B9B3 }
```

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

```
.border{ border-color:#25B9B3 }
```

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

Here you see how a box with a 4 pixel #25B9B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25B9B3; -webkit-box-shadow:4px 4px  
4px 4px #25B9B3; box-shadow:4px 4px 4px  
4px #25B9B3 }
```

Background

The CSS property to change the background color of an element to Hex 25B9B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25B9B3 }
```

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

```
.background{ background-color:#25B9B3 }
```

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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