

# Converting Colors

Hex(25A9B1)

Have a look what the booklet for  
Hex(25A9B1) contains.

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**Color**

**Hex(25A9B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25A9B1
RGB	37, 169, 177
RGB Percent	15%, 66%, 69%
CMY	0.8549, 0.3373, 0.3059
CMYK	0.79, 0.05, 0.00, 0.31
HSL	183°, 65%, 42%
HSV	183°, 79%, 69%
XYZ	22.8867, 31.9436, 46.5544
YIQ	130.4440, -81.2400, -25.4960

# Conversions

## Conversions Part 2

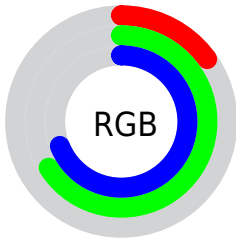
Format	Color
<b>RYB</b>	37, 105, 177
Decimal	2468273
CIELab	63.30, -30.73, -13.95
CIELCh	63, 33.748, 204.422
Yxy	31.9436, 0.2257, 0.3151
Android (android.graphics.Color)	4280658353 (0xFF25A9B1)
YUV	130.4440, 22.9521, -81.9504
Hunter-Lab	56.5186, -26.6256, -9.2742

# Details

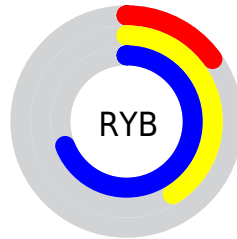
The Hex color **25A9B1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B12D25**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6CE1E9**, and **00747C** is the 20% darker color. If you saturate the color by 10%, you get **13A8B1**, and if you desaturate by 10%, it is **37AAB1**.

# Distribution



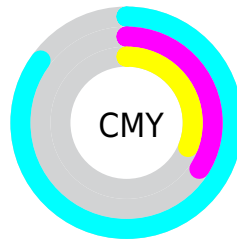
- Red (15%)
- Green (66%)
- Blue (69%)



- Red (15%)
- Yellow (41%)
- Blue (69%)



- Cyan (79%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)



- Cyan (85%)
- Magenta (34%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25A9B1 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 25A9B1 by changing the saturation by 10% instead.



 25A9B1

 25A9B1

FFFFFF

 008E96

 6CE1E9

 00747C

 8AFDFF

 005B64

 A8FFFF

 00434C

 C6FFFF

 002C35

 E5FFFF

 001520

 000006

 000000

 25A9B1

 25A9B1

■ 13A8B1

■ 37AAB1

■ 02A7B1

■ 48ABB1

■ 00A7B1

■ 5AACB1

■ 6CADB1

■ 7EAEB1

■ 8FAFB1

■ A1B0B1

■ B3B1B1

■ C4B2B1

# Harmonies

## Analogous

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



4AA992



25A9B1



33A5C9

# Triad

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



25A9B1



BA89BD



B2955D

# Complementary

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



25A9B1



B12D25

# 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.



C98B69



25A9B1



CF82A0

# Square

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



25A9B1



9594D0



D48382



949F62

# Rectangle

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



25A9B1



54A1D2



D48382



BB9260



# Sweetspot

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



25A9B1



AEE2E6



25B12C



517173



F2F2F2



737373

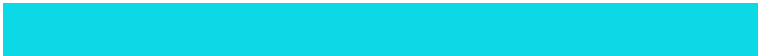


# Same Dimension

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



25A9B1



0BD9E6



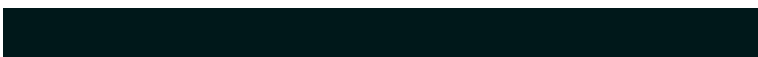
2564B1



505959



009099



00181A



# Inverse Universe

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



B125A9



E60BD9



B17225



595059



990090



1A0018



# Previews

## White Background



This preview shows how the Hex color 25A9B1 looks on a white background.

## Color Contrast Check

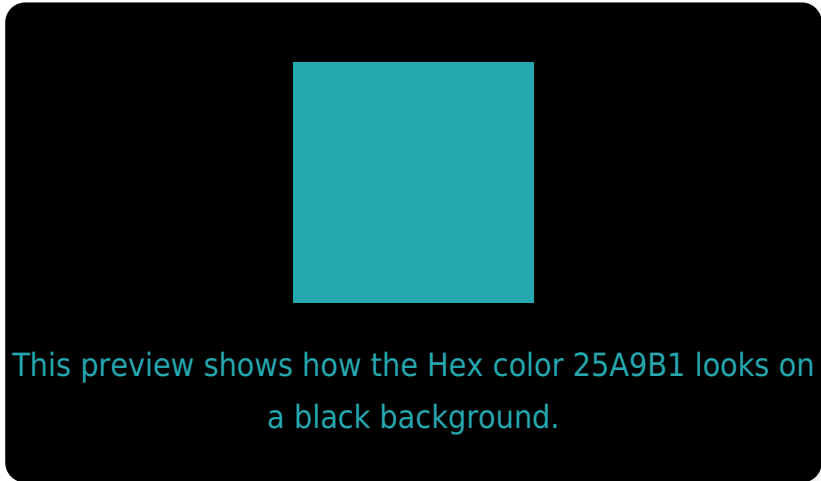
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

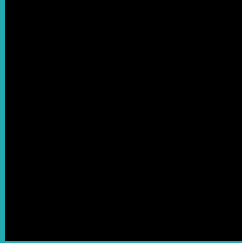
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 25A9B1 Background



This preview shows how black text looks on a background with the Hex color 25A9B1.

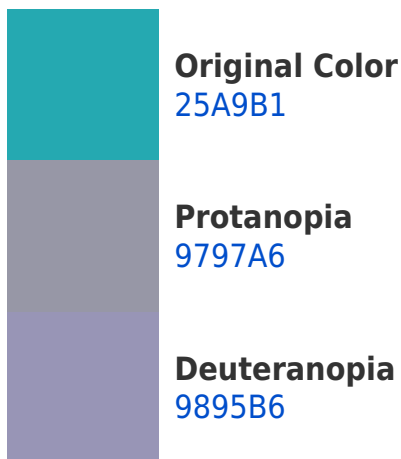


This preview shows how white text looks on a background with the Hex color 25A9B1.

# 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



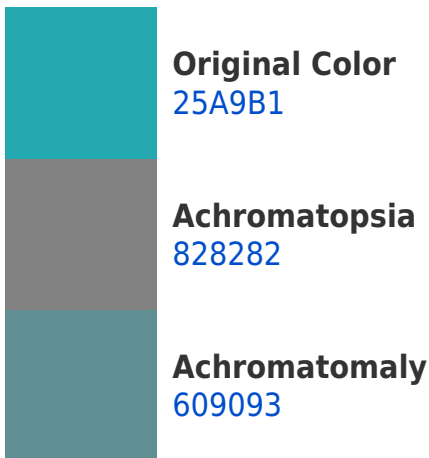


**Tritanopia**  
29A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25A9B1 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 #25A9B1 looks like.

```
.text, #text, p{  
    color:#25A9B1  
}
```

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 #25A9B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A9B1
}
```

## Border

The CSS property to change the border of an element to Hex 25A9B1 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
#25A9B1 }
```

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

```
.border{ border-color:#25A9B1 }
```

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

Here you see how a box with a 4 pixel #25A9B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A9B1; -webkit-box-shadow:4px 4px  
4px 4px #25A9B1; box-shadow:4px 4px 4px  
4px #25A9B1 }
```

# Background

The CSS property to change the background color of an element to Hex 25A9B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A9B1 }
```

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

```
.background{ background-color:#25A9B1 }
```

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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