

# Converting Colors

Hex(25D9AC)

Have a look what the booklet for  
Hex(25D9AC) contains.

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# Color

Hex(25D9AC)

# Conversions

## Conversions Part 1

Format	Color
Hex	25D9AC
RGB	37, 217, 172
RGB Percent	15%, 85%, 67%
CMY	0.8549, 0.1490, 0.3255
CMYK	0.83, 0.00, 0.21, 0.15
HSL	165°, 71%, 50%
HSV	165°, 83%, 85%
XYZ	33.0222, 52.9976, 47.5188
YIQ	158.0500, -92.8350, -52.1550

# Conversions

## Conversions Part 2

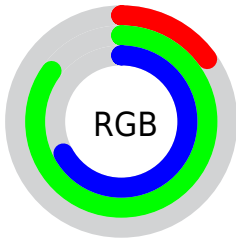
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 140, 217
Decimal	2480556
CIELab	77.87, -53.13, 10.15
CIELCh	78, 54.087, 169.188
Yxy	52.9976, 0.2473, 0.3969
Android (android.graphics.Color)	4280670636 (0xFF25D9AC)
YUV	158.0500, 6.8774, -106.1608
Hunter-Lab	72.7994, -46.4305, 12.2589

# Details

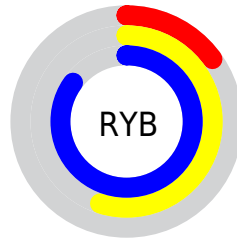
The Hex color **25D9AC** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D92552**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **74FFE3**, and **00A178** is the 20% darker color. If you saturate the color by 10%, you get **0FD9A7**, and if you desaturate by 10%, it is **3BD9B1**.

# Distribution



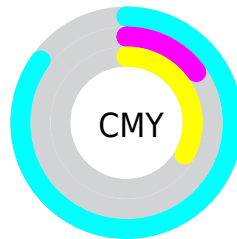
- Red (15%)
- Green (85%)
- Blue (67%)



- Red (15%)
- Yellow (55%)
- Blue (85%)



- Cyan (83%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (85%)
- Magenta (15%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25D9AC 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 25D9AC by changing the saturation by 10% instead.



 25D9AC

 25D9AC

FFFFFF

 00BD91

 74FFE3

 00A178

 94FFFF

 00865F

 B3FFFF

 006C47

 D2FFFF

 005231

 F1FFFF

 003A1C

 002302

 000000

 25D9AC

 25D9AC

0FD9A7

3BD9B1

00D9A3

50D9B7

66D9BC

7CD9C2

92D9C7

A7D9CD

BDD9D2

D3D9D7

E8D9DD

# Harmonies

## Analogous

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



85D37D



25D9AC



00DAE0

# Triad

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



25D9AC



A7BAFF



FFA576

# Complementary

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



25D9AC



D92552

# 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.



FF98A2



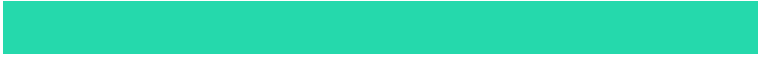
25D9AC



EDA7FF

# Square

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



25D9AC



2BCBFF



FF98D5



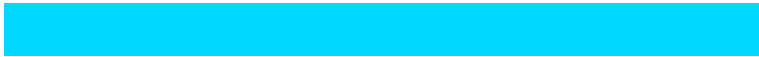
EEB75C

# Rectangle

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



25D9AC



00D8FF



FF98D5

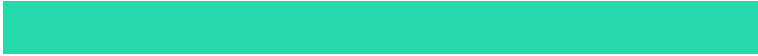


FFA084

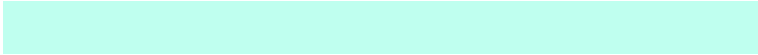


# Sweetspot

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



25D9AC



BFFFEF



52D925



598076



000000



808080



# Same Dimension

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



25D9AC



00FFBF



25ACD9



636E6B



00AD82



002E22



# Inverse Universe

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



D92552



FF0040



D95225



6E6365



AD002B

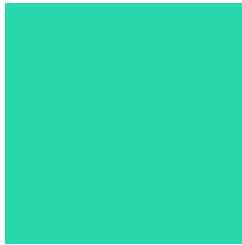


2E000B



# Previews

## White Background



This preview shows how the Hex color 25D9AC looks on a white background.

## Color Contrast Check

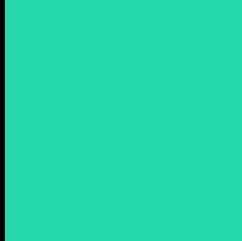
Large Text (above 18pt) WCAG AA × Fail

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 25D9AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

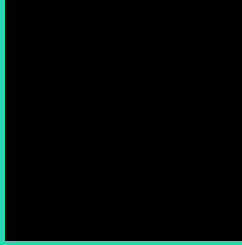
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

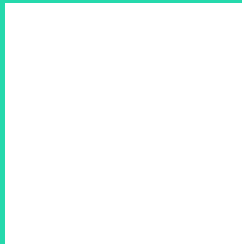
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 25D9AC Background



This preview shows how black text looks on a background with the Hex color 25D9AC.

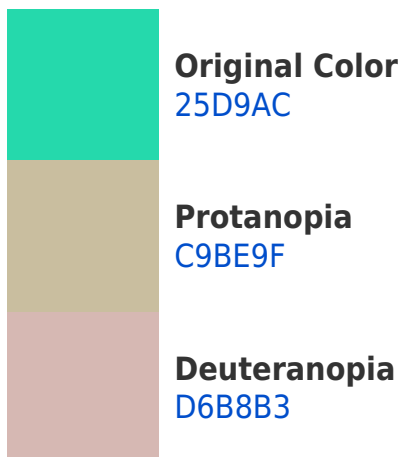


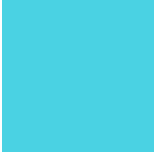
This preview shows how white text looks on a background with the Hex color 25D9AC.

# 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**  
4AD2E3

# Trichromacy



**Original Color**  
25D9AC



**Protanomaly**  
8DC8A4



**Deuteranomaly**  
96C4B0

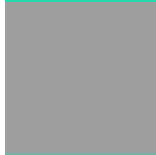


**Tritanomaly**  
3DD5CF

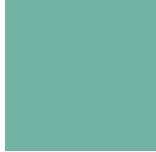
# Monochromacy



**Original Color**  
25D9AC



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
72B3A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25D9AC 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 #25D9AC looks like.

```
.text, #text, p{  
    color:#25D9AC  
}
```

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 #25D9AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25D9AC
}
```

## Border

The CSS property to change the border of an element to Hex 25D9AC 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
#25D9AC }
```

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

```
.border{ border-color:#25D9AC }
```

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

Here you see how a box with a 4 pixel #25D9AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25D9AC; -webkit-box-shadow:4px 4px  
4px 4px #25D9AC; box-shadow:4px 4px 4px  
4px #25D9AC }
```

# Background

The CSS property to change the background color of an element to Hex 25D9AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25D9AC }
```

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

```
.background{ background-color:#25D9AC }
```

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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