

# Converting Colors

Hex(25DBA7)

Have a look what the booklet for  
Hex(25DBA7) contains.

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# **Color**

**Hex(25DBA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25DBA7
RGB	37, 219, 167
RGB Percent	15%, 86%, 65%
CMY	0.8549, 0.1412, 0.3451
CMYK	0.83, 0.00, 0.24, 0.14
HSL	163°, 72%, 50%
HSV	163°, 83%, 86%
XYZ	33.0695, 53.8464, 45.2097
YIQ	158.6540, -91.7800, -54.7560

# Conversions

## Conversions Part 2

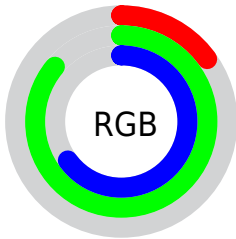
Format	Color
<code>RYB</code>	<code>37, 143, 219</code>
Decimal	<code>2481063</code>
CIELab	<code>78.37, -55.11, 13.50</code>
CIELCh	<code>78, 56.738, 166.231</code>
Yxy	<code>53.8464, 0.2503, 0.4075</code>
Android ( <code>android.graphics.Color</code> )	<code>4280671143</code> ( <code>0xFF25DBA7</code> )
YUV	<code>158.6540, 4.1146, -106.6906</code>
Hunter-Lab	<code>73.3801, -47.9722, 14.8373</code>

# Details

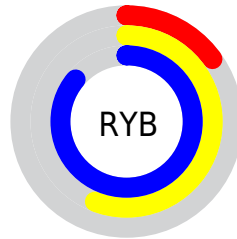
The Hex color **25DBA7** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DB2559**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **74FFDE**, and **00A373** is the 20% darker color. If you saturate the color by 10%, you get **0FDBA1**, and if you desaturate by 10%, it is **3BDBAD**.

# Distribution



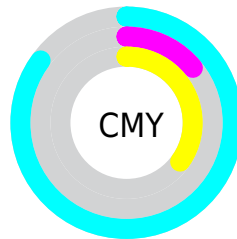
- Red (15%)
- Green (86%)
- Blue (65%)



- Red (15%)
- Yellow (56%)
- Blue (86%)



- Cyan (83%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (85%)
- Magenta (14%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25DBA7 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 25DBA7 by changing the saturation by 10% instead.



 25DBA7

 25DBA7

FFFFFF

 00BF8D

 74FFDE

 00A373

 94FFFB

 00885A

 B3FFFF

 006D43

 D2FFFF

 00542C

 F1FFFF

 003B17

 002400

 000000

 25DBA7

 25DBA7

 0FDBA1

 3BDBAD

 00DB9C

 51DBB4

 67DBBA

 7DDBC0

 93DBC6

 A8DBCD

 BEDBD3

 D4DBD9

 EADBDF

# Harmonies

## Analogous

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



89D476



25DBA7



00DDDE

# Triad

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



25DBA7



9DBDFF



FFA378

# Complementary

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



25DBA7



DB2559

# 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.



FF96A7



25DBA7



EAA9FF

# Square

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



25DBA7



00CEFF



FF98DC



F5B659

# Rectangle

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



25DBA7



00DBFF



FF98DC



FF9D86

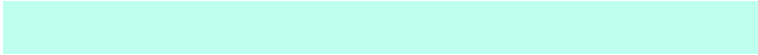


# Sweetspot

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



25DBA7



BFFFED



5CDB25



598075



000000



808080



# Same Dimension

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



25DBA7



00FFB6



25B7DB



636E6B



00AD7C



002E21



# Inverse Universe

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



DB2559



FF0049



DB4925



6E6366



AD0032

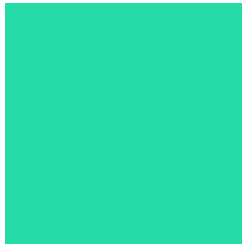


2E000D



# Previews

## White Background



This preview shows how the Hex color 25DBA7 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 25DBA7 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

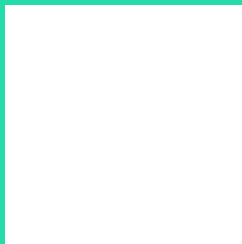
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 25DBA7 Background



This preview shows how black text looks on a background with the Hex color 25DBA7.

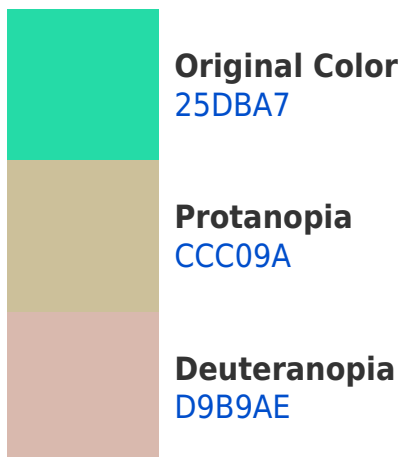


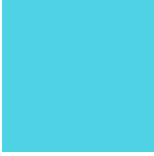
This preview shows how white text looks on a background with the Hex color 25DBA7.

# 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**  
4DD3E4

# Trichromacy



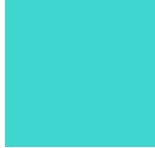
**Original Color**  
25DBA7



**Protanomaly**  
8FCA9F

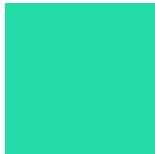


**Deuteranomaly**  
98C5AB

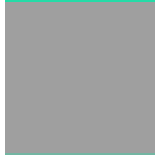


**Tritanomaly**  
3ED6CE

# Monochromacy



**Original Color**  
25DBA7



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
73B5A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25DBA7 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 #25DBA7 looks like.

```
.text, #text, p{  
    color:#25DBA7  
}
```

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 #25DBA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25DBA7
}
```

## Border

The CSS property to change the border of an element to Hex 25DBA7 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
#25DBA7 }
```

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

```
.border{ border-color:#25DBA7 }
```

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

Here you see how a box with a 4 pixel #25DBA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25DBA7; -webkit-box-shadow:4px 4px  
4px 4px #25DBA7; box-shadow:4px 4px 4px  
4px #25DBA7 }
```

# Background

The CSS property to change the background color of an element to Hex 25DBA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25DBA7 }
```

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

```
.background{ background-color:#25DBA7 }
```

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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