

# Converting Colors

Hex(26D993)

Have a look what the booklet for  
Hex(26D993) contains.

<b>Hex(26D993)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(26D993)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26D993
RGB	38, 217, 147
RGB Percent	15%, 85%, 58%
CMY	0.8510, 0.1490, 0.4235
CMYK	0.82, 0.00, 0.32, 0.15
HSL	157°, 70%, 50%
HSV	157°, 82%, 85%
XYZ	30.8786, 52.1444, 36.0412
YIQ	155.4990, -84.2140, -59.7180

# Conversions

## Conversions Part 2

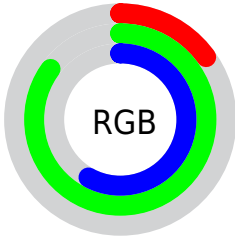
Format	Color
<a href="#">RYB</a>	<a href="#">38, 149, 217</a>
Decimal	<a href="#">2546067</a>
CIELab	<a href="#">77.37, -58.72, 22.63</a>
CIELCh	<a href="#">77, 62.930, 158.925</a>
Yxy	<a href="#">52.1444, 0.2593, 0.4380</a>
Android (android.graphics.Color)	<a href="#">4280736147 (0xFF26D993)</a>
YUV	<a href="#">155.4990, -4.1900, -103.0466</a>
Hunter-Lab	<a href="#">72.2111, -50.0398, 20.9556</a>

# Details

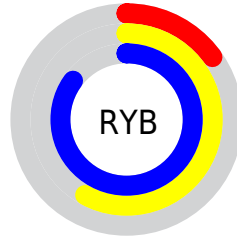
The Hex color **26D993** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D9266C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **73FFC9**, and **00A160** is the 20% darker color. If you saturate the color by 10%, you get **10D98B**, and if you desaturate by 10%, it is **3CD99B**.

# Distribution



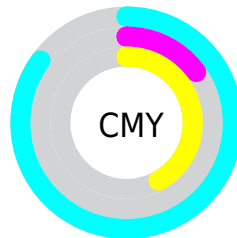
- Red (15%)
- Green (85%)
- Blue (58%)



- Red (15%)
- Yellow (58%)
- Blue (85%)



- Cyan (82%)
- Magenta (0%)
- Yellow (32%)
- Black (15%)



- Cyan (85%)
- Magenta (15%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26D993 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 26D993 by changing the saturation by 10% instead.



 26D993

 26D993

FFFFFF

 00BD79

 73FFC9

 00A160

 93FFE5

 008648

 B2FFFF

 006B31

 D1FFFF

 00511A

 F0FFFF

 003903

 002100

 000000

 26D993

 26D993

 10D98B

 3CD99B

 00D984

 51D9A4

 67D9AC

 7DD9B5

 93D9BD

 A8D9C6

 BED9CE

 D4D9D7

 E9D9DF

# Harmonies

## Analogous

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



90D060



26D993



00DCCF

# Triad

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



26D993



73C0FF



FF9779

# Complementary

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



26D993



D9266C

# 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.



FF8BB0



26D993



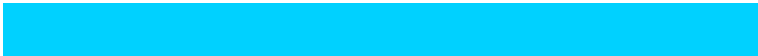
DAA9FF

# Square

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



26D993



00D1FF



FF93EA



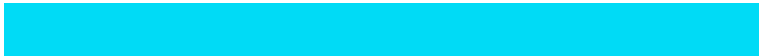
FFAD50

# Rectangle

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



26D993



00DBF6



FF93EA



FF918A

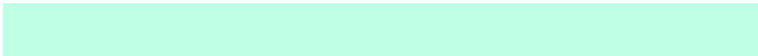


# Sweetspot

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



26D993



BFFFE6



6ED926



598071



000000



808080



# Same Dimension

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



26D993



03FF9C



26C7D9



636E69



00AD6A



002E1C



# Inverse Universe

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



D9266C



FF0365



D93826



6E6367



AD0044

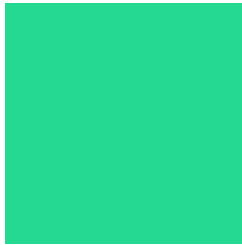


2E0012



# Previews

## White Background



This preview shows how the Hex color 26D993 looks on a white background.

## Color Contrast Check

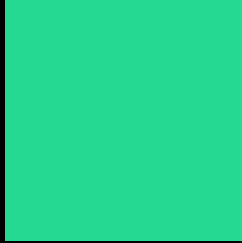
Large Text (above 18pt) WCAG AA × Fail

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 26D993 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

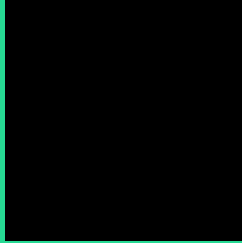
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 26D993 Background



This preview shows how black text looks on a background with the Hex color 26D993.

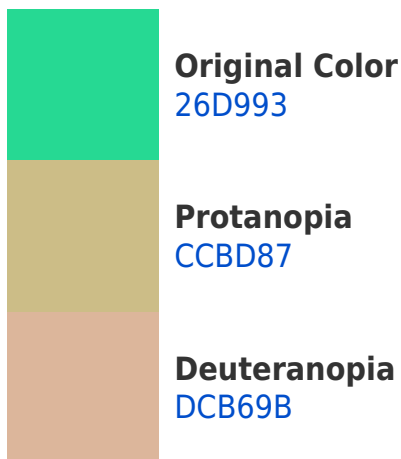


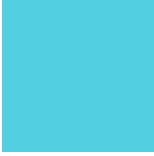
This preview shows how white text looks on a background with the Hex color 26D993.

# 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](#).

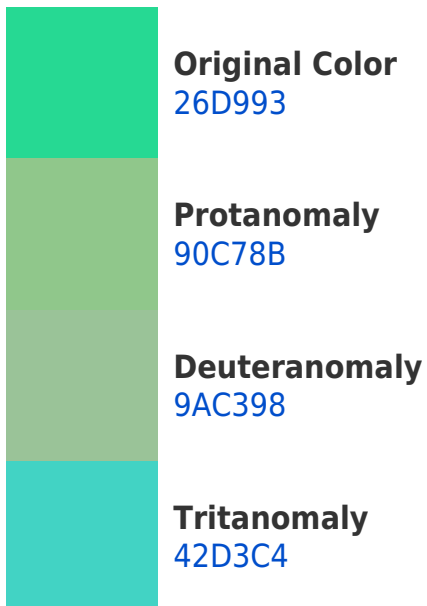
## Dichromacy





**Tritanopia**  
52CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26D993 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 #26D993 looks like.

```
.text, #text, p{  
    color:#26D993  
}
```

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 #26D993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26D993
}
```

## Border

The CSS property to change the border of an element to Hex 26D993 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
#26D993 }
```

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

```
.border{ border-color:#26D993 }
```

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

Here you see how a box with a 4 pixel #26D993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26D993; -webkit-box-shadow:4px 4px  
4px 4px #26D993; box-shadow:4px 4px 4px  
4px #26D993 }
```

# Background

The CSS property to change the background color of an element to Hex 26D993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26D993 }
```

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

```
.background{ background-color:#26D993 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor