

# Converting Colors

Hex(26DEBD)

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

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# Color

**Hex(26DEBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26DEBD
RGB	38, 222, 189
RGB Percent	15%, 87%, 74%
CMY	0.8510, 0.1294, 0.2588
CMYK	0.83, 0.00, 0.15, 0.13
HSL	169°, 74%, 51%
HSV	169°, 83%, 87%
XYZ	36.1059, 56.3287, 57.1137
YIQ	163.2220, -99.0710, -49.2710

# Conversions

## Conversions Part 2

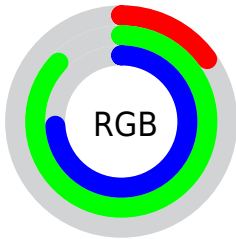
Format	Color
<a href="#">RYB</a>	<a href="#">38, 139, 222</a>
Decimal	<a href="#">2547389</a>
CIELab	<a href="#">79.80, -50.82, 3.88</a>
CIELCh	<a href="#">80, 50.963, 175.637</a>
Yxy	<a href="#">56.3287, 0.2414, 0.3767</a>
Android (android.graphics.Color)	<a href="#">4280737469</a> ( <a href="#">0xFF26DEBD</a> )
YUV	<a href="#">163.2220, 12.7086, -109.8197</a>
Hunter-Lab	<a href="#">75.0525, -45.4698, 7.4180</a>

# Details

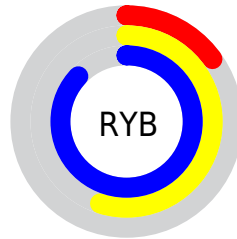
The Hex color **26DEBD** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **DE2647**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **76FFF5**, and **00A688** is the 20% darker color. If you saturate the color by 10%, you get **10DEB9**, and if you desaturate by 10%, it is **3CDEC1**.

# Distribution



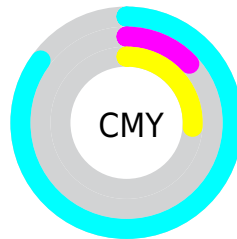
- Red (15%)
- Green (87%)
- Blue (74%)



- Red (15%)
- Yellow (55%)
- Blue (87%)



- Cyan (83%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (85%)
- Magenta (13%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



 26DEBD

 26DEBD

FFFFFF

 00C2A2

 76FFF5

 00A688

 97FFFF

 008B6E

 B6FFFF

 007056

 D5FFFF

 00573F

 F5FFFF

 003E29

 002815

 000000

 26DEBD

 26DEBD

■ 10DEB9

■ 3CDEC1

■ 00DEB6

■ 52DEC5

■ 69DEC9

■ 7FDECD

■ 95DED1

■ ABDED5

■ C1DED9

■ D8DEDD

■ EEDEE1

# Harmonies

## Analogous

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



81D98E



26DEBD



00DEED

# Triad

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



26DEBD



BFBCFF



FFB079

# Complementary

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



26DEBD



DE2647

# 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.



FFA29F



26DEBD



FAAAF3

# Square

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



26DEBD



67CDFE



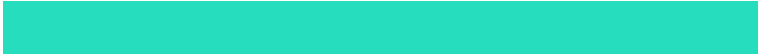
FFA0CF



E9C165

# Rectangle

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



26DEBD



00DBFF



FFA0CF

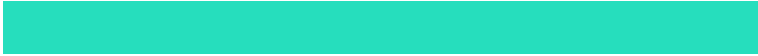


FFAA84

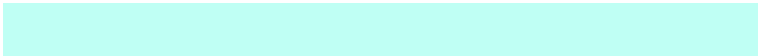


# Sweetspot

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



26DEBD



BFFFF4



48DE26



598079



000000

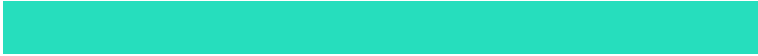


808080



# Same Dimension

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



26DEBD



03FFD2



26A4DE



65706E



00B090



003028



# Inverse Universe

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



DE2647



FF0330



DE6026



706567



B00020

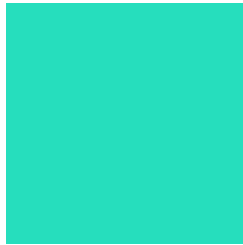


300009



# Previews

## White Background



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

## Color Contrast Check

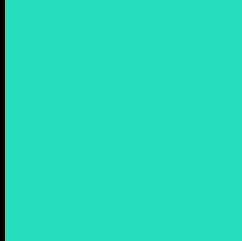
Large Text (above 18pt) WCAG AA × Fail

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 26DEBD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

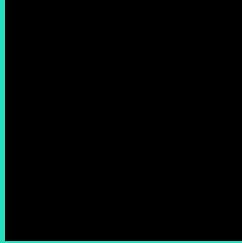
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

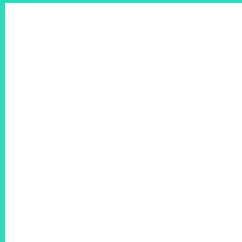
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 26DEBD Background



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



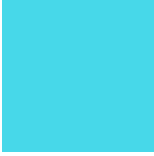
This preview shows how white text looks on a background with the Hex color 26DEBD.

# 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**  
47D8E9

# Trichromacy



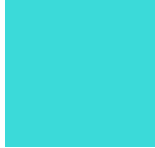
**Original Color**  
26DEBD



**Protanomaly**  
90CDB4



**Deuteranomaly**  
97CAC1

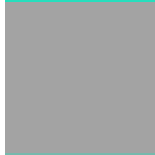


**Tritanomaly**  
3BDAD9

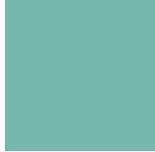
# Monochromacy



**Original Color**  
26DEBD



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
76B8AC

# CSS Examples

## Text

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

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

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 #26DEBD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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