

# Converting Colors

Hex(26C57E)

Have a look what the booklet for  
Hex(26C57E) contains.

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# Color

Hex(26C57E)

# Conversions

## Conversions Part 1

Format	Color
Hex	26C57E
RGB	38, 197, 126
RGB Percent	15%, 77%, 49%
CMY	0.8510, 0.2275, 0.5059
CMYK	0.81, 0.00, 0.36, 0.23
HSL	153°, 68%, 46%
HSV	153°, 81%, 77%
XYZ	24.5315, 41.8509, 26.5238
YIQ	141.3650, -71.9730, -55.7890

# Conversions

## Conversions Part 2

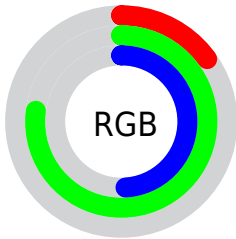
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 140, 197
Decimal	2540926
CIELab	70.77, -55.65, 24.69
CIELCh	71, 60.887, 156.074
Yxy	41.8509, 0.2640, 0.4505
Android (android.graphics.Color)	4280731006 (0xFF26C57E)
YUV	141.3650, -7.5749, -90.6511
Hunter-Lab	64.6923, -45.5239, 20.9758

# Details

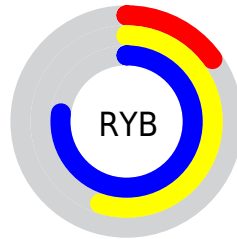
The Hex color **26C57E** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **C5266D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6FFFB3**, and **008E4C** is the 20% darker color. If you saturate the color by 10%, you get **12C575**, and if you desaturate by 10%, it is **3AC587**.

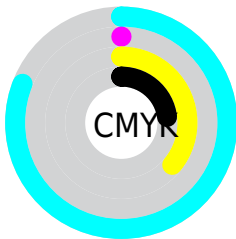
# Distribution



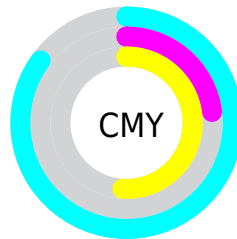
- Red (15%)
- Green (77%)
- Blue (49%)



- Red (15%)
- Yellow (55%)
- Blue (77%)



- Cyan (81%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)



- Cyan (85%)
- Magenta (23%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26C57E 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 26C57E by changing the saturation by 10% instead.



 26C57E

 26C57E

FFFFFF

 00A965

 6FFFB3

 008E4C

 8EFFCF

 007335

 ACFFEB

 00591E

 CAFFFF

 004007

 E9FFFF

 002A00

 000500

 000000

 26C57E

 26C57E

 12C575

 3AC587

 00C56D

 4DC590

 61C598

 75C5A1

 89C5AA

 9CC5B3

 B0C5BC

 C4C5C4

 D7C5CD

# Harmonies

## Analogous

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



87BD4E



26C57E



00C8B7

# Triad

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



26C57E



52B0FF



FF856F

# Complementary

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



26C57E



C5266D

# 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.



FF7BA4



26C57E



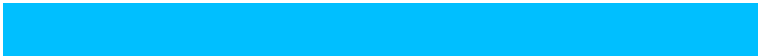
BF9AFF

# Square

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



26C57E



00BFFF



FA84DB



EF9A46

# Rectangle

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



26C57E



00C8DC



FA84DB



FF8080

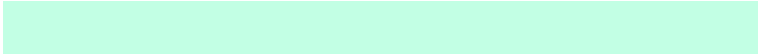


# Sweetspot

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



26C57E



C2FFE4



6EC526



5B806F



000000



808080



# Same Dimension

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



26C57E



08FF91



26BDC5



5A635F



00A35A



002414



# Inverse Universe

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



C5266D



FF0876



C52E26



635A5E



A30049

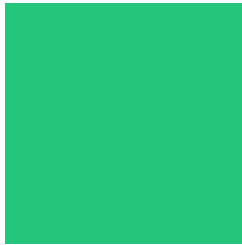


240010



# Previews

## White Background



This preview shows how the Hex color 26C57E 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 26C57E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

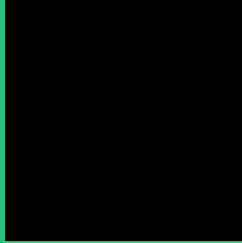
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 26C57E Background



This preview shows how black text looks on a background with the Hex color 26C57E.

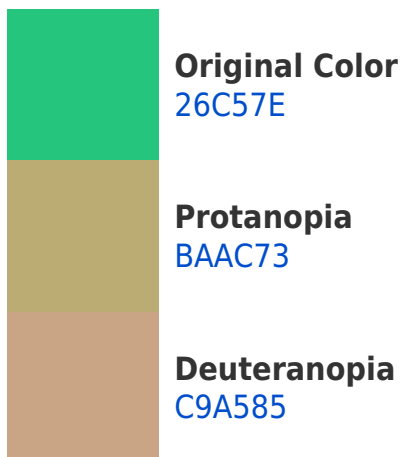


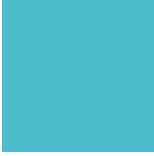
This preview shows how white text looks on a background with the Hex color 26C57E.

# 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**  
4DBCCB

# Trichromacy



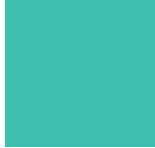
**Original Color**  
26C57E



**Protanomaly**  
84B577



**Deuteranomaly**  
8EB182



**Tritanomaly**  
3FBFAF

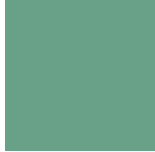
# Monochromacy



**Original Color**  
26C57E



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
68A188

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26C57E 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 #26C57E looks like.

```
.text, #text, p{  
    color:#26C57E  
}
```

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 #26C57E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26C57E
}
```

## Border

The CSS property to change the border of an element to Hex 26C57E 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
#26C57E }
```

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

```
.border{ border-color:#26C57E }
```

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

Here you see how a box with a 4 pixel #26C57E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26C57E; -webkit-box-shadow:4px 4px  
4px 4px #26C57E; box-shadow:4px 4px 4px  
4px #26C57E }
```

# Background

The CSS property to change the background color of an element to Hex 26C57E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26C57E }
```

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

```
.background{ background-color:#26C57E }
```

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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