

# Converting Colors

Hex(26CA91)

Have a look what the booklet for  
Hex(26CA91) contains.

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**Color**

**Hex(26CA91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26CA91
RGB	38, 202, 145
RGB Percent	15%, 79%, 57%
CMY	0.8510, 0.2078, 0.4314
CMYK	0.81, 0.00, 0.28, 0.21
HSL	159°, 68%, 47%
HSV	159°, 81%, 79%
XYZ	27.0307, 44.6975, 33.9909
YIQ	146.4660, -79.4470, -52.4950

# Conversions

## Conversions Part 2

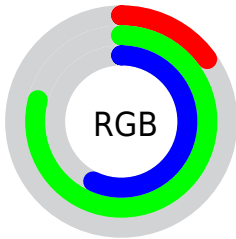
Format	Color
<a href="#">RYB</a>	<a href="#">38, 137, 202</a>
Decimal	<a href="#">2542225</a>
CIELab	<a href="#">72.69, -53.49, 17.24</a>
CIELCh	<a href="#">73, 56.197, 162.131</a>
Yxy	<a href="#">44.6975, 0.2557, 0.4228</a>
Android (android.graphics.Color)	<a href="#">4280732305 (0xFF26CA91)</a>
YUV	<a href="#">146.4660, -0.7227, -95.1247</a>
Hunter-Lab	<a href="#">66.8562, -44.8287, 16.6552</a>

# Details

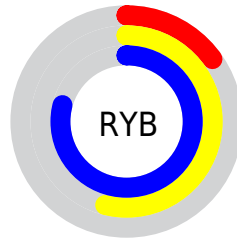
The Hex color **26CA91** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CA265F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **70FFC7**, and **00935E** is the 20% darker color. If you saturate the color by 10%, you get **12CA8A**, and if you desaturate by 10%, it is **3ACA98**.

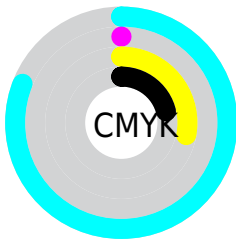
# Distribution



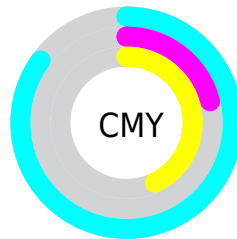
- Red (15%)
- Green (79%)
- Blue (57%)



- Red (15%)
- Yellow (54%)
- Blue (79%)



- Cyan (81%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)



- Cyan (85%)
- Magenta (21%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26CA91 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 26CA91 by changing the saturation by 10% instead.



 26CA91

 26CA91

FFFFFF

 00AE77

 70FFC7

 00935E

 8FFFE3

 007846

 AEFFFF

 005E30

 CCFFFF

 00451A

 EBFFFF

 002F01

 001100

 000000

 26CA91

 26CA91

 12CA8A

 3ACA98

 00CA84

 4ECA9F

 63CAA6

 77CAAD

 8BCAB4

 9FCABB

 B3CAC2

 C8CAC9

 DCCAD0

# Harmonies

## Analogous

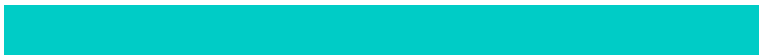
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83C363



26CA91



00CCC6

# Triad

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



26CA91



7FB1FF



FF9270

# Complementary

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



26CA91



CA265F

# 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.



FF869F



26CA91



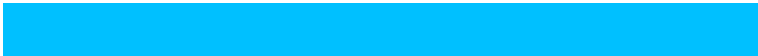
D19CFF

# Square

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



26CA91



00C0FF



FF8BD3



E9A54F

# Rectangle

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



26CA91



00CBE8



FF8BD3



FF8C7E

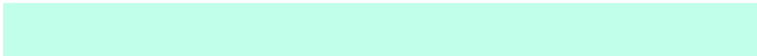


# Sweetspot

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



26CA91



C2FFEA



5FCA26



5B8073



000000



808080



# Same Dimension

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



26CA91



08FFA9



26B1CA



5C6662



00A66C



002619



# Inverse Universe

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



CA265F



FF085E



CA3F26



665C5F



A6003A

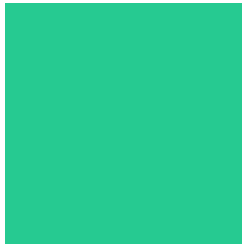


26000D



# Previews

## White Background



This preview shows how the Hex color 26CA91 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 26CA91 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

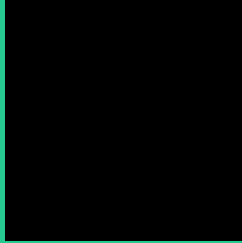
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 26CA91 Background



This preview shows how black text looks on a background with the Hex color 26CA91.

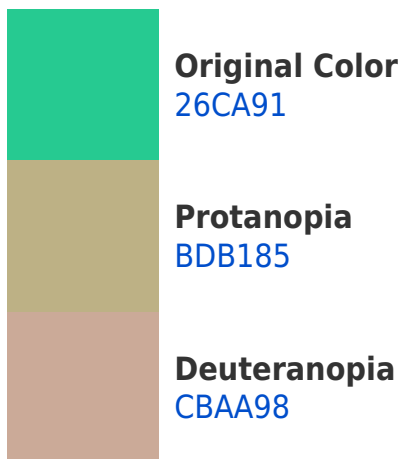


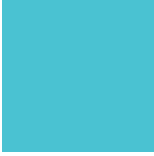
This preview shows how white text looks on a background with the Hex color 26CA91.

# 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**  
4BC2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26CA91 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 #26CA91 looks like.

```
.text, #text, p{  
    color:#26CA91  
}
```

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 #26CA91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26CA91
}
```

## Border

The CSS property to change the border of an element to Hex 26CA91 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
#26CA91 }
```

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

```
.border{ border-color:#26CA91 }
```

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

Here you see how a box with a 4 pixel #26CA91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26CA91; -webkit-box-shadow:4px 4px  
4px 4px #26CA91; box-shadow:4px 4px 4px  
4px #26CA91 }
```

# Background

The CSS property to change the background color of an element to Hex 26CA91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26CA91 }
```

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

```
.background{ background-color:#26CA91 }
```

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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