

# Converting Colors

Hex(26CC63)

Have a look what the booklet for  
Hex(26CC63) contains.

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**Color**

**Hex(26CC63)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 26CC63                       |
| RGB         | 38, 204, 99                  |
| RGB Percent | 15%, 80%, 39%                |
| CMY         | 0.8510, 0.2000, 0.6118       |
| CMYK        | 0.81, 0.00, 0.51, 0.20       |
| HSL         | 142°, 69%, 47%               |
| HSV         | 142°, 81%, 80%               |
| XYZ         | 24.6443, 44.4987, 19.0946    |
| YIQ         | 142.3960, -65.2310, -67.8470 |

# Conversions

## Conversions Part 2

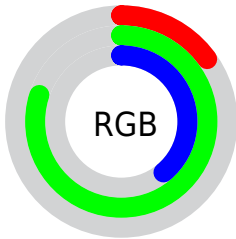
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">38, 159, 204</a>                                 |
| Decimal                             | <a href="#">2542691</a>                                      |
| CIELab                              | <a href="#">72.56, -62.89, 40.74</a>                         |
| CIELCh                              | <a href="#">73, 74.938, 147.064</a>                          |
| Yxy                                 | <a href="#">44.4987, 0.2793, 0.5043</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4280732771</a><br>( <a href="#">0xFF26CC63</a> ) |
| YUV                                 | <a href="#">142.3960, -21.3942, -91.5553</a>                 |
| Hunter-Lab                          | <a href="#">66.7073, -50.7928, 29.7237</a>                   |

# Details

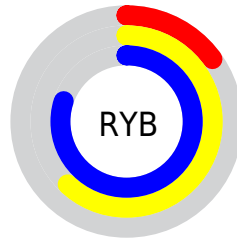
The Hex color **26CC63** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CC268F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **71FF98**, and **009430** is the 20% darker color. If you saturate the color by 10%, you get **12CC56**, and if you desaturate by 10%, it is **3ACC70**.

# Distribution



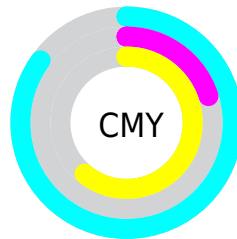
- Red (15%)
- Green (80%)
- Blue (39%)



- Red (15%)
- Yellow (62%)
- Blue (80%)



- Cyan (81%)
- Magenta (0%)
- Yellow (51%)
- Black (20%)



- Cyan (85%)
- Magenta (20%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26CC63 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 26CC63 by changing the saturation by 10% instead.



 26CC63

 26CC63

FFFFFF

 00B04A

 71FF98

 009430

 90FFB3

 007916

 AFFFCF

 005F00

 CDF FEC

 004600

 ECFFFF

 002F00

 001000

 000000

 26CC63

 26CC63

 12CC56

 3ACC70

 00CC4B

 4FCC7D

 63CC8A

 78CC97

 8CCCA4

 A0CCB0

 B5CCBD

 C9CCCA

 DECCD7

# Harmonies

## Analogous

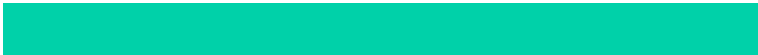
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97C025



26CC63



00D1A9

# Triad

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



26CC63



00BCFF



FF7678

# Complementary

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



26CC63



CC268F

# 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.



FF6EBC



26CC63



A4A3FF

# Square

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



26CC63



00CBFF



FE83FE



FF913C

# Rectangle

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



26CC63



00D2D8



FE83FE



FF708E

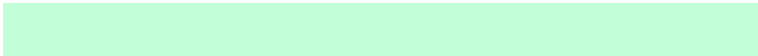


# Sweetspot

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



26CC63



C2FFD8



8FCC26



5B8068



000000



808080



# Same Dimension

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



26CC63



05FF61



26CCB6



5C6660



00A63D



00260E



# Inverse Universe

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



CC268F



FF05A3



CC263C



665C62



A60069



260018



# Previews

## White Background



This preview shows how the Hex color 26CC63 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 26CC63 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

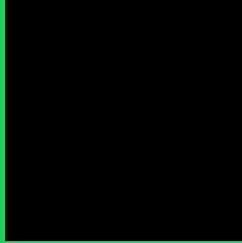
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 26CC63 Background



This preview shows how black text looks on a background with the Hex color 26CC63.

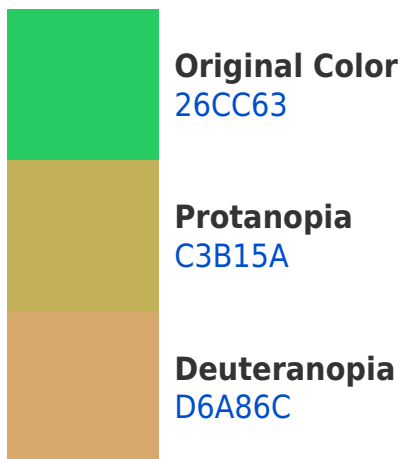


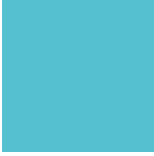
This preview shows how white text looks on a background with the Hex color 26CC63.

# 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**  
55C0D0

# Trichromacy



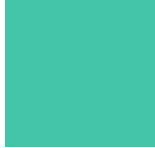
**Original Color**  
26CC63



**Protanomaly**  
8ABB5D



**Deuteranomaly**  
96B569



**Tritanomaly**  
44C4A8

# Monochromacy



**Original Color**  
26CC63



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
68A57E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26CC63 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 #26CC63 looks like.

```
.text, #text, p{  
    color:#26CC63  
}
```

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 #26CC63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26CC63
}
```

## Border

The CSS property to change the border of an element to Hex 26CC63 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
#26CC63 }
```

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

```
.border{ border-color:#26CC63 }
```

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

Here you see how a box with a 4 pixel #26CC63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26CC63; -webkit-box-shadow:4px 4px  
4px 4px #26CC63; box-shadow:4px 4px 4px  
4px #26CC63 }
```

# Background

The CSS property to change the background color of an element to Hex 26CC63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26CC63 }
```

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

```
.background{ background-color:#26CC63 }
```

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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