

# Converting Colors

Hex(26DB70)

Have a look what the booklet for  
Hex(26DB70) contains.

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**Color**

**Hex(26DB70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26DB70
RGB	38, 219, 112
RGB Percent	15%, 86%, 44%
CMY	0.8510, 0.1412, 0.5608
CMYK	0.83, 0.00, 0.49, 0.14
HSL	145°, 72%, 50%
HSV	145°, 83%, 86%
XYZ	29.0555, 52.2450, 23.8821
YIQ	152.6830, -73.5290, -71.6490

# Conversions

## Conversions Part 2

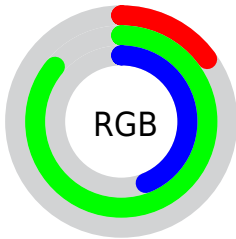
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 166, 219
Decimal	2546544
CIELab	77.43, -65.88, 40.47
CIELCh	77, 77.317, 148.441
Yxy	52.2450, 0.2762, 0.4967
Android (android.graphics.Color)	4280736624 (0xFF26DB70)
YUV	152.6830, -20.0567, -100.5770
Hunter-Lab	72.2807, -54.7375, 31.0066

# Details

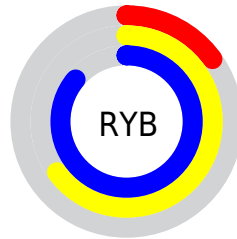
The Hex color **26DB70** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DB2691**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **74FFA5**, and **00A23D** is the 20% darker color. If you saturate the color by 10%, you get **10DB63**, and if you desaturate by 10%, it is **3CDB7D**.

# Distribution



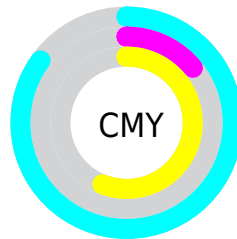
- Red (15%)
- Green (86%)
- Blue (44%)



- Red (15%)
- Yellow (65%)
- Blue (86%)



- Cyan (83%)
- Magenta (0%)
- Yellow (49%)
- Black (14%)



- Cyan (85%)
- Magenta (14%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26DB70 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 26DB70 by changing the saturation by 10% instead.



 26DB70

 26DB70

FFFFFF

 00BE56

 74FFA5

 00A23D

 94FFC1

 008724

 B3FFDD

 006C06

 D2FFFA

 005300

 F1FFFF

 003A00

 002100

 000000

 26DB70

 26DB70

 10DB63

 3CDB7D

 00DB5A

 52DB8A

 68DB97

 7EDBA4

 93DBB1

 A9DBBE

 BFDBCB

 D5DBD8

 EBDBE5

# Harmonies

## Analogous

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



9FCF31



26DB70



00E0B9

# Triad

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



26DB70



00C9FF



FF827F

# Complementary

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



26DB70



DB2691

# 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.



FF79C6



26DB70



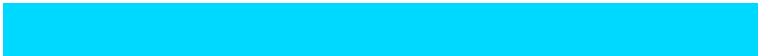
B7AEFF

# Square

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



26DB70



00D9FF



FF8DFF



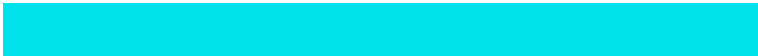
FF9E42

# Rectangle

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



26DB70



00E1EB



FF8DFF



FF7B96

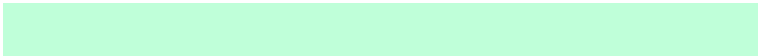


# Sweetspot

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



26DB70



BFFFD9



93DB26



598069



000000



808080



# Same Dimension

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



26DB70



03FF6A



26DBC9



636E67



00AD47



002E13



# Inverse Universe

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



DB2691



FF0398



DB2638



6E6369



AD0067



2E001B



# Previews

## White Background



This preview shows how the Hex color 26DB70 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 26DB70 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 26DB70 Background



This preview shows how black text looks on a background with the Hex color 26DB70.

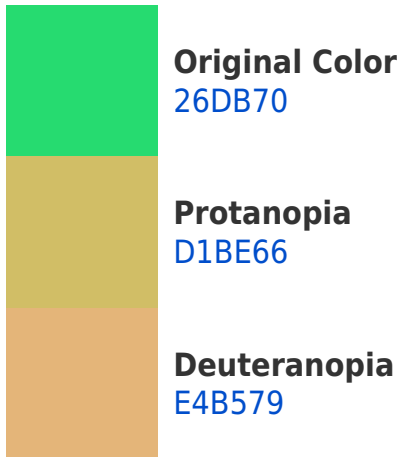


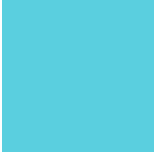
This preview shows how white text looks on a background with the Hex color 26DB70.

# 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





# Trichromacy



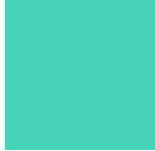
**Original Color**  
26DB70



**Protanomaly**  
93C96A



**Deuteranomaly**  
9FC376



**Tritanomaly**  
47D3B7

# Monochromacy



**Original Color**  
26DB70



**Achromatopsia**  
999999



**Achromatomaly**  
6FB18A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26DB70 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 #26DB70 looks like.

```
.text, #text, p{  
    color:#26DB70  
}
```

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 #26DB70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26DB70
}
```

## Border

The CSS property to change the border of an element to Hex 26DB70 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
#26DB70 }
```

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

```
.border{ border-color:#26DB70 }
```

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

Here you see how a box with a 4 pixel #26DB70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26DB70; -webkit-box-shadow:4px 4px  
4px 4px #26DB70; box-shadow:4px 4px 4px  
4px #26DB70 }
```

# Background

The CSS property to change the background color of an element to Hex 26DB70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26DB70 }
```

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

```
.background{ background-color:#26DB70 }
```

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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