

# Converting Colors

Hex(26D926)

Have a look what the booklet for  
Hex(26D926) contains.

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**Color**

**Hex(26D926)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26D926
RGB	38, 217, 38
RGB Percent	15%, 85%, 15%
CMY	0.8510, 0.1490, 0.8510
CMYK	0.82, 0.00, 0.82, 0.15
HSL	120°, 70%, 50%
HSV	120°, 82%, 85%
XYZ	25.9620, 50.1777, 10.1507
YIQ	143.0730, -49.2250, -93.6170

# Conversions

## Conversions Part 2

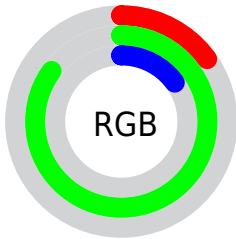
Format	Color
<a href="#">RYB</a>	<a href="#">38, 217, 217</a>
Decimal	<a href="#">2545958</a>
CIELab	<a href="#">76.18, -72.90, 68.24</a>
CIELCh	<a href="#">76, 99.859, 136.891</a>
Yxy	<a href="#">50.1777, 0.3009, 0.5815</a>
Android (android.graphics.Color)	<a href="#">4280736038 (0xFF26D926)</a>
YUV	<a href="#">143.0730, -51.8010, -92.1490</a>
Hunter-Lab	<a href="#">70.8362, -58.5418, 41.0893</a>

# Details

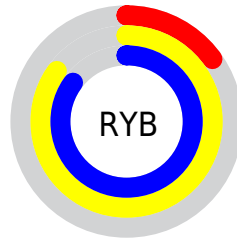
The Hex color **26D926** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D926D9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **76FF64**, and **00A000** is the 20% darker color. If you saturate the color by 10%, you get **10D910**, and if you desaturate by 10%, it is **3CD93C**.

# Distribution



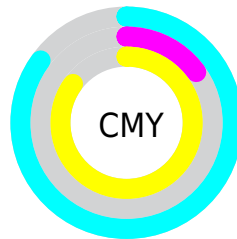
- Red (15%)
- Green (85%)
- Blue (15%)



- Red (15%)
- Yellow (85%)
- Blue (85%)



- Cyan (82%)
- Magenta (0%)
- Yellow (82%)
- Black (15%)



- Cyan (85%)
- Magenta (15%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26D926 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 26D926 by changing the saturation by 10% instead.



 26D926

 26D926

FFFFFF

 00BC00

 76FF64

 00A000

 97FF80

 008500

 B7FF9D

 006A00

 D6FFB9

 005000

 F5FFD6

 003800

 FFFFF4

 001E00

 000000

 26D926

 26D926

 10D910

 3CD93C

 00D900

 51D951

 67D967

 7DD97D

 93D993

 A8D9A8

 BED9BE

 D4D9D4

 E9D9E9

# Harmonies

## Analogous

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



B2C800



26D926



00E18F

# Triad

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



26D926



00D3FF



FF4C8C

# Complementary

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



26D926



D926D9

# 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.



FF52E8



26D926



26B5FF

# Square

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



26D926



00E0FF



FE87FF



FF7C32

# Rectangle

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



26D926



00E4CF



FE87FF



FF44AB

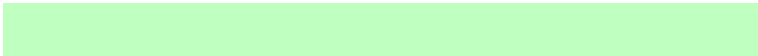


# Sweetspot

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



26D926



BFFFBF



D9D926



598059



000000



808080



# Same Dimension

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



26D926



03FF03



26D97F



636E63



00AD00



002E00



# Inverse Universe

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



D926D9



FF03FF



D9267F



6E636E



AD00AD

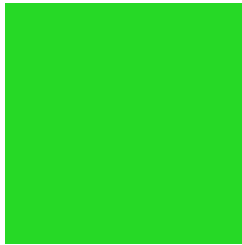


2E002E



# Previews

## White Background



This preview shows how the Hex color 26D926 looks on a white background.

## Color Contrast Check

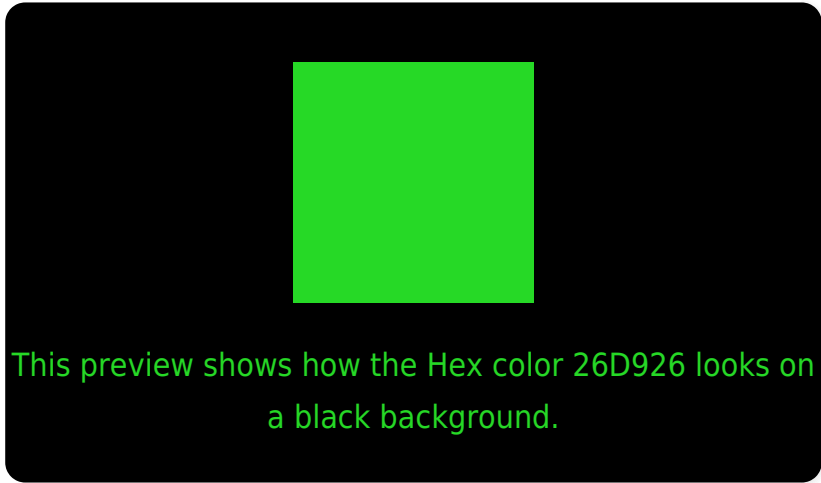
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 26D926 Background



This preview shows how black text looks on a background with the Hex color 26D926.

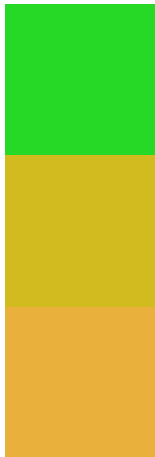


This preview shows how white text looks on a background with the Hex color 26D926.

# 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](#).

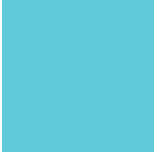
## Dichromacy



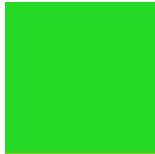
**Original Color**  
26D926

**Protanopia**  
D2BB1E

**Deuteranopia**  
E9B13B



# Trichromacy



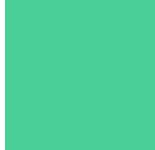
**Original Color**  
26D926



**Protanomaly**  
93C621



**Deuteranomaly**  
A2C033



**Tritanomaly**  
4BCF99

# Monochromacy



**Original Color**  
26D926



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
69AA69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26D926 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 #26D926 looks like.

```
.text, #text, p{  
    color:#26D926  
}
```

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 #26D926 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26D926
}
```

## Border

The CSS property to change the border of an element to Hex 26D926 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
#26D926 }
```

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

```
.border{ border-color:#26D926 }
```

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

Here you see how a box with a 4 pixel #26D926 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26D926; -webkit-box-shadow:4px 4px  
4px 4px #26D926; box-shadow:4px 4px 4px  
4px #26D926 }
```

# Background

The CSS property to change the background color of an element to Hex 26D926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26D926 }
```

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

```
.background{ background-color:#26D926 }
```

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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