

# Converting Colors

Hex(26C500)

Have a look what the booklet for  
Hex(26C500) contains.

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**Color**

**Hex(26C500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26C500
RGB	38, 197, 0
RGB Percent	15%, 77%, 0%
CMY	0.8510, 0.2275, 1.0000
CMYK	0.81, 0.00, 1.00, 0.23
HSL	108°, 100%, 39%
HSV	108°, 100%, 77%
XYZ	20.7656, 40.3446, 6.6928
YIQ	127.0010, -31.5270, -94.9750

# Conversions

## Conversions Part 2

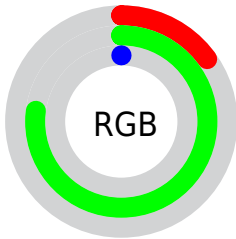
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 197, 159
Decimal	2540800
CIELab	69.71, -68.32, 68.85
CIELCh	70, 96.993, 134.776
Yxy	40.3446, 0.3063, 0.5950
Android (android.graphics.Color)	4280730880 (0xFF26C500)
YUV	127.0010, -62.6115, -78.0539
Hunter-Lab	63.5174, -52.7988, 38.2148

# Details

The Hex color **26C500** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9F00C5**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **72FF50**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **26C500**, and if you desaturate by 10%, it is **36C514**.

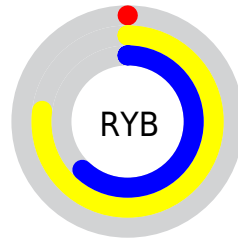
# Distribution



Red (15%)

Green (77%)

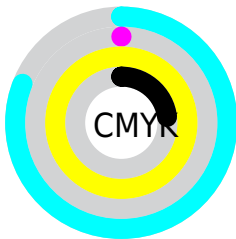
Blue (0%)



Red (0%)

Yellow (77%)

Blue (62%)

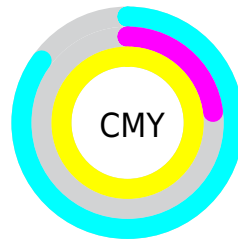


Cyan (81%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (85%)

Magenta (23%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26C500 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 26C500 by changing the saturation by 10% instead.



 26C500

 26C500

FFFFFF

 00A900

 72FF50

 008D00

 92FF6D

 007300

 B1FF89

 005900

 D0FFA6

 004000

 EFFF C3

 002700

 FFFF E0

 000000

 FFFFFD

 26C500

 36C514

 46C527

 56C53B

 66C54F

 76C563

 85C576

 95C58A

 A5C59E

 B5C5B1

# Harmonies

## Analogous

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



A5B400



26C500



00CD79

# Triad

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



26C500



00C1FF



FF3483

# Complementary

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



26C500



9F00C5

# 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.



FF42DB



26C500



00A7FF

# Square

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



26C500



00CFFF



E27AFF



FF682C

# Rectangle

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



26C500



00D0B7



E27AFF



FF2DA0

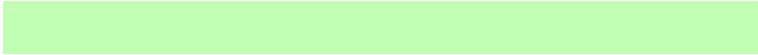


# Sweetspot

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



26C500



C1FFB3



C59E00



5A8052



000000



808080



# Same Dimension

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



26C500



31FF00



00C53B



5B635A



1FA300



072400



# Inverse Universe

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



9F00C5



CE00FF



C5008A



625A63



8400A3

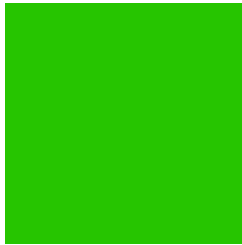


1D0024



# Previews

## White Background



This preview shows how the Hex color 26C500 looks on a white background.

## Color Contrast Check

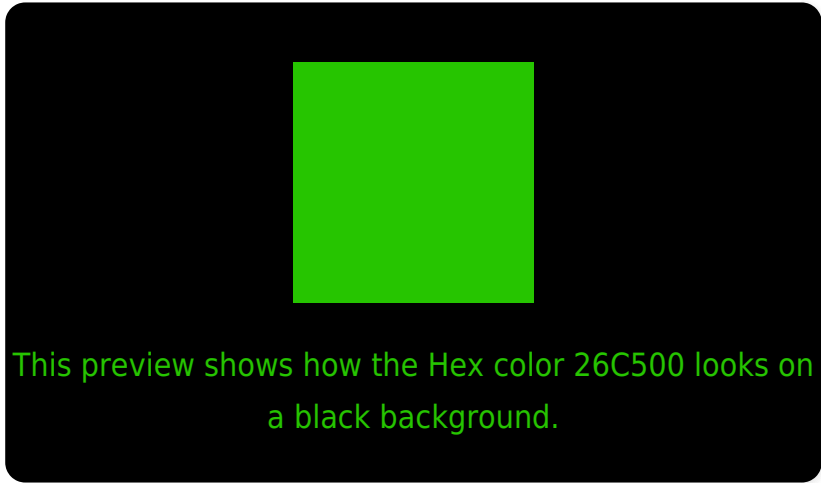
Large Text (above 18pt) WCAG AA × Fail

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 26C500 Background



This preview shows how black text looks on a background with the Hex color 26C500.



This preview shows how white text looks on a background with the Hex color 26C500.

# 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](#).

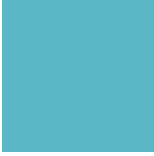
## Dichromacy



**Original Color**  
26C500

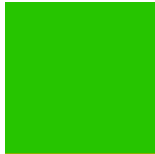
**Protanopia**  
BFA900

**Deuteranopia**  
D4A02A



**Tritanopia**  
59B7C6

# Trichromacy



**Original Color**  
26C500



**Protanomaly**  
87B300



**Deuteranomaly**  
95AD1B



**Tritanomaly**  
46BC7E

# Monochromacy



**Original Color**  
26C500



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
5F9851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26C500 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 #26C500 looks like.

```
.text, #text, p{  
    color:#26C500  
}
```

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 #26C500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26C500
}
```

## Border

The CSS property to change the border of an element to Hex 26C500 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
#26C500 }
```

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

```
.border{ border-color:#26C500 }
```

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

Here you see how a box with a 4 pixel #26C500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26C500; -webkit-box-shadow:4px 4px  
4px 4px #26C500; box-shadow:4px 4px 4px  
4px #26C500 }
```

# Background

The CSS property to change the background color of an element to Hex 26C500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26C500 }
```

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

```
.background{ background-color:#26C500 }
```

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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