

# Converting Colors

Hex(26AB41)

Have a look what the booklet for  
Hex(26AB41) contains.

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**Color**

**Hex(26AB41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26AB41
RGB	38, 171, 65
RGB Percent	15%, 67%, 25%
CMY	0.8510, 0.3294, 0.7451
CMYK	0.78, 0.00, 0.62, 0.33
HSL	132°, 64%, 41%
HSV	132°, 78%, 67%
XYZ	16.3164, 29.9195, 9.9161
YIQ	119.1490, -45.2420, -61.1620

# Conversions

## Conversions Part 2

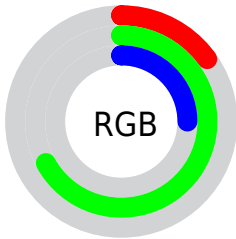
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 149, 171
Decimal	2534209
CIELab	61.58, -56.53, 43.78
CIELCh	62, 71.505, 142.242
Yxy	29.9195, 0.2906, 0.5328
Android (android.graphics.Color)	4280724289 (0xFF26AB41)
YUV	119.1490, -26.6955, -71.1677
Hunter-Lab	54.6988, -42.4771, 27.5407

# Details

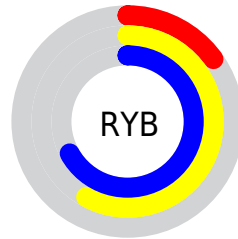
The Hex color **26AB41** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB2690**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6AE475**, and **007509** is the 20% darker color. If you saturate the color by 10%, you get **15AB33**, and if you desaturate by 10%, it is **37AB4F**.

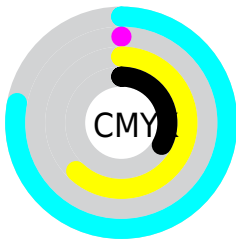
# Distribution



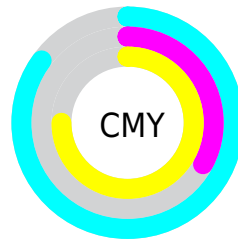
- Red (15%)
- Green (67%)
- Blue (25%)



- Red (15%)
- Yellow (58%)
- Blue (67%)



- Cyan (78%)
- Magenta (0%)
- Yellow (62%)
- Black (33%)



- Cyan (85%)
- Magenta (33%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26AB41 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 26AB41 by changing the saturation by 10% instead.



 26AB41

 26AB41

FFFFFF

 009027

 6AE475

 007509

 87FF8F

 005B00

 A5FFAA

 004200

 C3FFC6

 002C00

 E1FFE3

 000B00

 000000

 26AB41

 26AB41

 15AB33

 37AB4F

■ 04AB26

■ 48AB5C

■ 00AB23

■ 59AB6A

■ 6AAB78

■ 7BAB85

■ 8DAB93

■ 9EABA0

■ AFABAE

■ C0ABBC

# Harmonies

## Analogous

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



859F00



26AB41



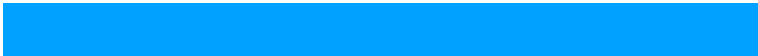
00B182

# Triad

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



26AB41



00A1FF



FF5769

# Complementary

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



26AB41



AB2690

# 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.



FD53A8



26AB41



708BFF

# Square

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



26AB41



00ADF8



D06DE3



EC712F

# Rectangle

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



26AB41



00B2AE



D06DE3



FF527E



# Sweetspot

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



26AB41



ABDEB5



90AB26



517057



F0F0F0



707070



# Same Dimension

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



26AB41



10DE39



26AB83



4E5750



00961F



001705



# Inverse Universe

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



AB2690



DE10B4



AB264E



574E55



960078



170012



# Previews

## White Background



This preview shows how the Hex color 26AB41 looks on a white background.

## Color Contrast Check

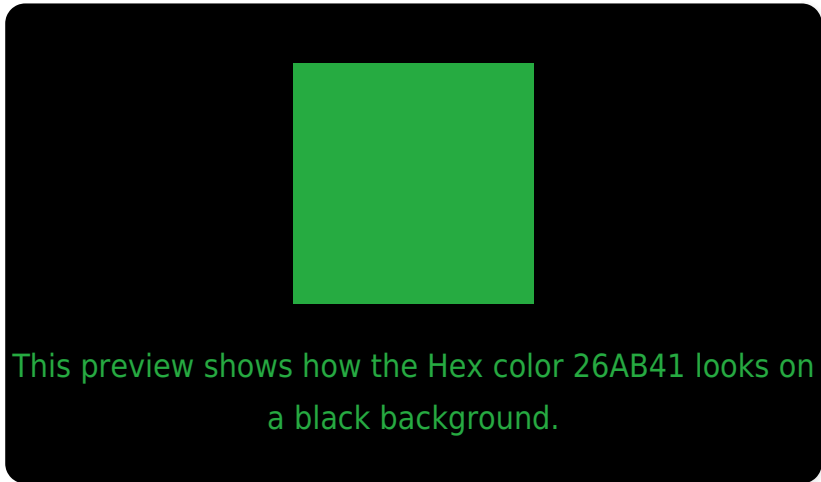
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 26AB41 Background



This preview shows how black text looks on a background with the Hex color 26AB41.

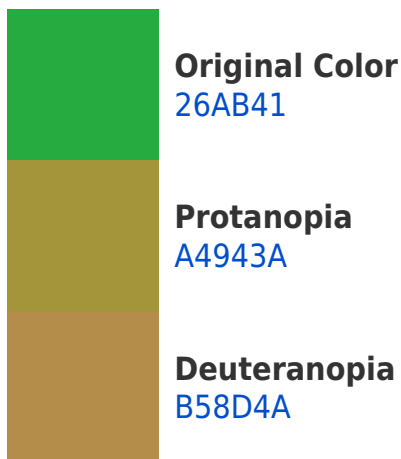


This preview shows how white text looks on a background with the Hex color 26AB41.

# Color Blindness Simulation

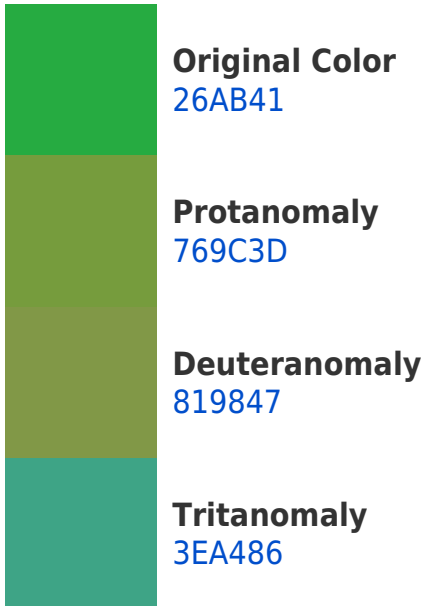
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

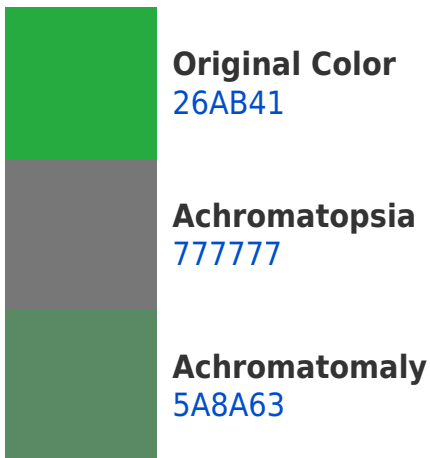




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26AB41 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 #26AB41 looks like.

```
.text, #text, p{  
    color:#26AB41  
}
```

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 #26AB41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26AB41
}
```

## Border

The CSS property to change the border of an element to Hex 26AB41 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
#26AB41 }
```

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

```
.border{ border-color:#26AB41 }
```

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

Here you see how a box with a 4 pixel #26AB41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26AB41; -webkit-box-shadow:4px 4px  
4px 4px #26AB41; box-shadow:4px 4px 4px  
4px #26AB41 }
```

# Background

The CSS property to change the background color of an element to Hex 26AB41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26AB41 }
```

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

```
.background{ background-color:#26AB41 }
```

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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