

Converting Colors

Hex(26B751)

Have a look what the booklet for
Hex(26B751) contains.

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Color

Hex(26B751)

Conversions

Conversions Part 1

Format	Color
Hex	26B751
RGB	38, 183, 81
RGB Percent	15%, 72%, 32%
CMY	0.8510, 0.2824, 0.6824
CMYK	0.79, 0.00, 0.56, 0.28
HSL	138°, 66%, 43%
HSV	138°, 79%, 72%
XYZ	19.2180, 34.8731, 13.5029
YIQ	128.0170, -53.6780, -62.4620

Conversions

Conversions Part 2

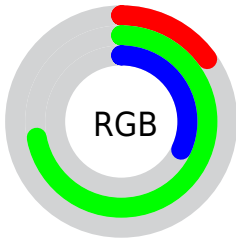
Format	Color
RYB	38, 150, 183
Decimal	2537297
CIELab	65.65, -58.47, 41.04
CIELCh	66, 71.436, 144.936
Yxy	34.8731, 0.2843, 0.5159
Android (android.graphics.Color)	4280727377 (0xFF26B751)
YUV	128.0170, -23.1794, -78.9449
Hunter-Lab	59.0535, -45.2536, 27.7805

Details

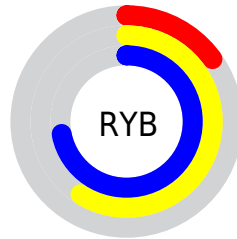
The Hex color **26B751** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B7268C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6CF085**, and **00801E** is the 20% darker color. If you saturate the color by 10%, you get **14B744**, and if you desaturate by 10%, it is **38B75E**.

Distribution



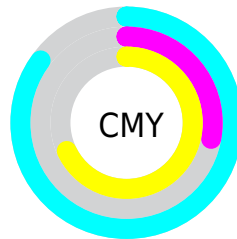
- Red (15%)
- Green (72%)
- Blue (32%)



- Red (15%)
- Yellow (59%)
- Blue (72%)



- Cyan (79%)
- Magenta (0%)
- Yellow (56%)
- Black (28%)



- Cyan (85%)
- Magenta (28%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26B751 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 26B751 by changing the saturation by 10% instead.

 26B751

 26B751

FFFFFF

 009B38

 6CF085

 00801E

 8AFFA0

 006600

 A8FFBB

 004D00

 C6FFD7

 003500

 E4FFF4

 001C00

 000000

 26B751

 26B751

 14B744

 38B75E

■ 01B737

■ 4BB76B

■ 00B736

■ 5DB778

■ 6FB784

■ 82B791

■ 94B79E

■ A6B7AB

■ B8B7B8

■ CBB7C5

Harmonies

Analogous

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



8AAC12



26B751



00BC92

Triad

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



26B751



00AAFF



FF646E

Complementary

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



26B751



B7268C

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.



FF5FAD



26B751



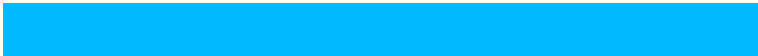
8993FF

Square

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



26B751



00B8FF



E275EA



F67E34

Rectangle

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



26B751



00BDBF



E275EA



FF5F82

Sweetspot

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



26B751



B4EDC5



8EB726



55785F



F7F7F7



787878

Same Dimension

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



26B751



0CED4F



26B798



535C55



009C2E



001C08

Inverse Universe

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



B7268C



ED0CAA



B72645



5C5359



9C006D



1C0014

Previews

White Background



This preview shows how the Hex color 26B751 looks on a white background.

Color Contrast Check

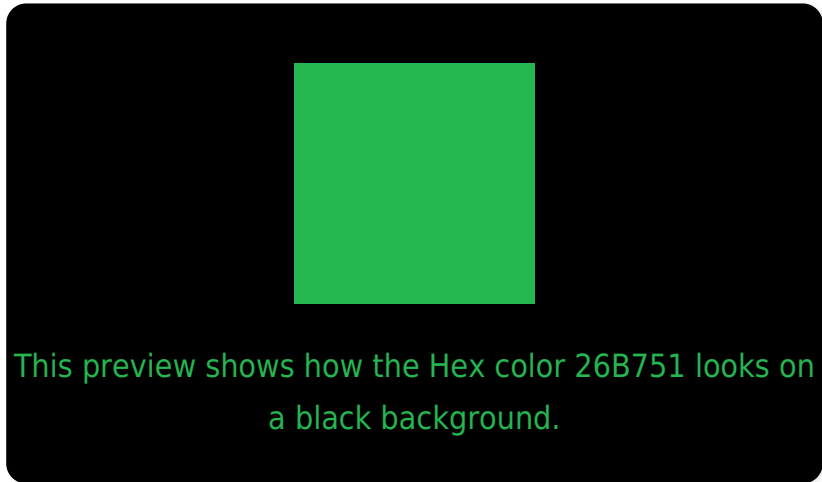
Large Text (above 18pt) WCAG AA × Fail

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

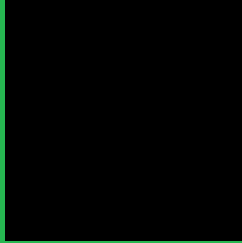
Any Text WCAG AA ✓ Pass

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 26B751 Background



This preview shows how black text looks on a background with the Hex color 26B751.

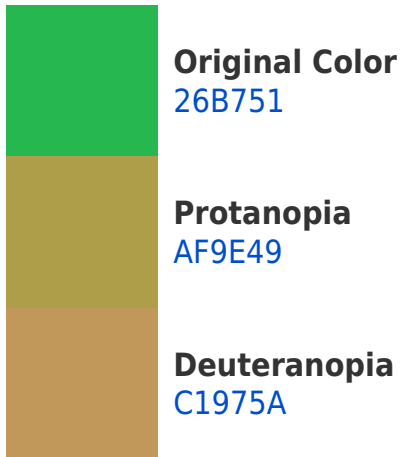


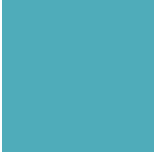
This preview shows how white text looks on a background with the Hex color 26B751.

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



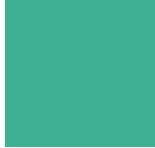
Original Color
26B751



Protanomaly
7DA74C



Deuteranomaly
89A357



Tritanomaly
40B094

Monochromacy



Original Color
26B751



Achromatopsia
808080



Achromatomaly
5F946F

CSS Examples

Text

The CSS property to change the color of the text to Hex 26B751 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 #26B751 looks like.

```
.text, #text, p{  
    color:#26B751  
}
```

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 #26B751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26B751
}
```

Border

The CSS property to change the border of an element to Hex 26B751 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
#26B751 }
```

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

```
.border{ border-color:#26B751 }
```

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

Here you see how a box with a 4 pixel #26B751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26B751; -webkit-box-shadow:4px 4px  
4px 4px #26B751; box-shadow:4px 4px 4px  
4px #26B751 }
```

Background

The CSS property to change the background color of an element to Hex 26B751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26B751 }
```

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

```
.background{ background-color:#26B751 }
```

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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