

Converting Colors

Hex(26BF77)

Have a look what the booklet for
Hex(26BF77) contains.

| | |
|------------------------------------------------|----|
| Hex(26BF77) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(26BF77)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 26BF77 |
| RGB | 38, 191, 119 |
| RGB Percent | 15%, 75%, 47% |
| CMY | 0.8510, 0.2510, 0.5333 |
| CMYK | 0.80, 0.00, 0.38, 0.25 |
| HSL | 152°, 67%, 45% |
| HSV | 152°, 80%, 75% |
| XYZ | 22.7599, 39.0056, 23.7820 |
| YIQ | 137.0450, -68.0760, -54.8280 |

Conversions

Conversions Part 2

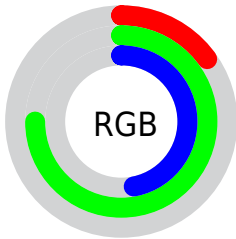
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 38, 138, 191 |
| Decimal | 2539383 |
| CIELab | 68.76, -54.83, 25.68 |
| CIELCh | 69, 60.552, 154.902 |
| Yxy | 39.0056, 0.2660, 0.4560 |
| Android (android.graphics.Color) | 4280729463 (0xFF26BF77) |
| YUV | 137.0450, -8.8962, -86.8625 |
| Hunter-Lab | 62.4544, -44.2456, 21.1411 |

Details

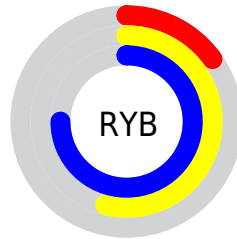
The Hex color **26BF77** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **BF266E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6DF8AC**, and **008846** is the 20% darker color. If you saturate the color by 10%, you get **13BF6E**, and if you desaturate by 10%, it is **39BF80**.

Distribution



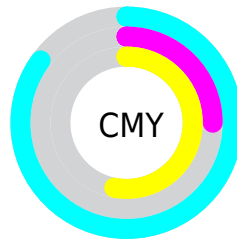
- Red (15%)
- Green (75%)
- Blue (47%)



- Red (15%)
- Yellow (54%)
- Blue (75%)



- Cyan (80%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)



- Cyan (85%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26BF77 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 26BF77 by changing the saturation by 10% instead.

 26BF77

 26BF77

FFFFFF

 00A35E

 6DF8AC

 008846

 8CFFC7

 006E2E

 AAFFE3

 005418

 C8FFFF

 003C00

 E6FFFF

 002500

 000000

 26BF77

 26BF77

 13BF6E

 39BF80

 00BF65

 4CBF89

 5FBF92

 72BF9B

 85BFA4

 99BFAD

 ACBFB6

 BFBFBF

 D2BFC8

Harmonies

Analogous

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



84B648



26BF77



00C2AF

Triad

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



26BF77



43ABFF



FF7F6C

Complementary

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



26BF77



BF266E

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.



FF75A1



26BF77



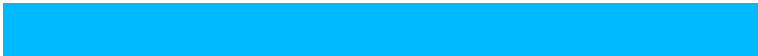
B695FF

Square

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



26BF77



00BAFF



F27FD7



EA9442

Rectangle

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



26BF77



00C2D4



F27FD7



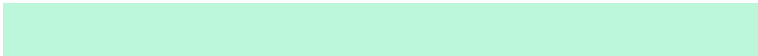
FF7A7D

Sweetspot

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



26BF77



BCF7DB



70BF26



597D6C



FCFCFC



7D7D7D

Same Dimension

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



26BF77



0AF788



26BCBF



555E5A



009E54



001F10

Inverse Universe

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



BF266E



F70A7A



BF2926



5E5559



9E004A



1F000E

Previews

White Background



This preview shows how the Hex color 26BF77 looks on a white background.

Color Contrast Check

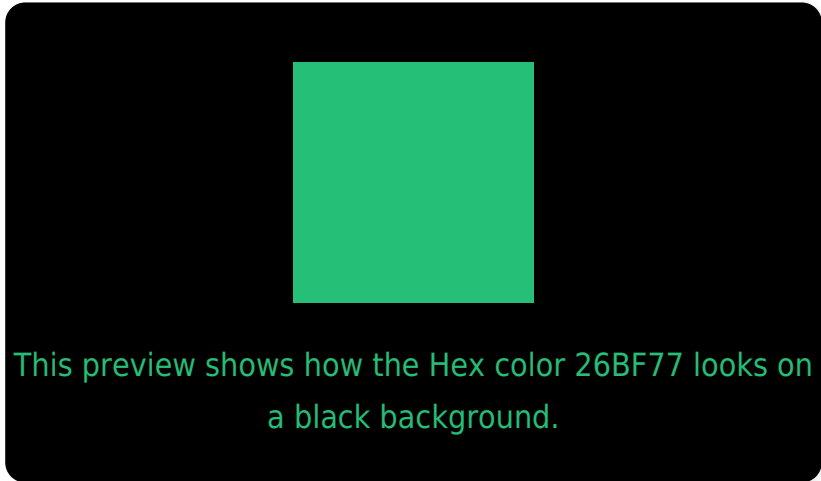
Large Text (above 18pt) WCAG AA × Fail

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

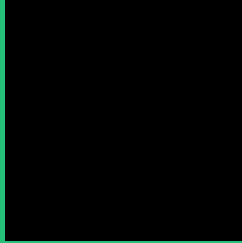
Any Text WCAG AA ✓ Pass

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 26BF77 Background



This preview shows how black text looks on a background with the Hex color 26BF77.

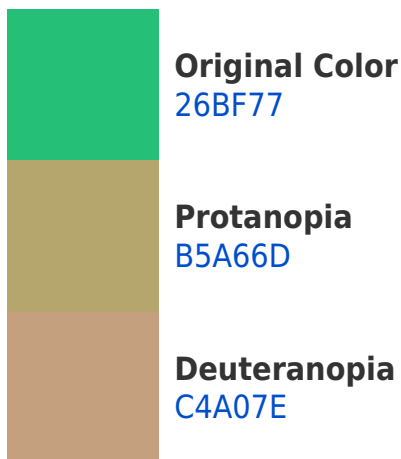


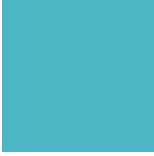
This preview shows how white text looks on a background with the Hex color 26BF77.

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





Tritanopia
4CB6C4

Trichromacy



Original Color
26BF77



Protanomaly
81AF71



Deuteranomaly
8BAB7B



Tritanomaly
3EB9A8

Monochromacy



Original Color
26BF77



Achromatopsia
898989



Achromatomaly
659D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 26BF77 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 #26BF77 looks like.

```
.text, #text, p{  
    color:#26BF77  
}
```

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 #26BF77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26BF77
}
```

Border

The CSS property to change the border of an element to Hex 26BF77 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
#26BF77 }
```

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

```
.border{ border-color:#26BF77 }
```

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

Here you see how a box with a 4 pixel #26BF77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26BF77; -webkit-box-shadow:4px 4px  
4px 4px #26BF77; box-shadow:4px 4px 4px  
4px #26BF77 }
```

Background

The CSS property to change the background color of an element to Hex 26BF77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26BF77 }
```

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

```
.background{ background-color:#26BF77 }
```

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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