

# Converting Colors

Hex(26803F)

Have a look what the booklet for  
Hex(26803F) contains.

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# Color

Hex(26803F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	26803F
RGB	38, 128, 63
RGB Percent	15%, 50%, 25%
CMY	0.8510, 0.4980, 0.7529
CMYK	0.70, 0.00, 0.51, 0.50
HSL	137°, 54%, 33%
HSV	137°, 70%, 50%
XYZ	9.4157, 16.2093, 7.3351
YIQ	93.6800, -32.7750, -39.2950

# Conversions

## Conversions Part 2

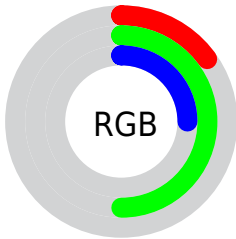
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 108, 128
Decimal	2523199
CIE <sub>Lab</sub>	47.25, -41.27, 27.67
CIE <sub>LCh</sub>	47, 49.685, 146.159
Yxy	16.2093, 0.2857, 0.4918
Android (android.graphics.Color)	4280713279 (0xFF26803F)
YUV	93.6800, -15.1252, -48.8314
Hunter-Lab	40.2608, -28.7109, 17.3805

# Details

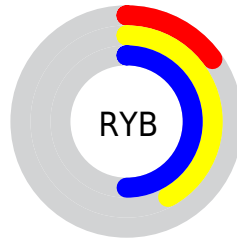
The Hex color **26803F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **802667**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5FB670**, and **004E11** is the 20% darker color. If you saturate the color by 10%, you get **198036**, and if you desaturate by 10%, it is **338048**.

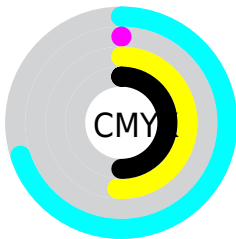
# Distribution



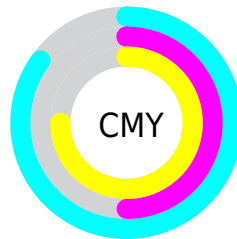
- Red (15%)
- Green (50%)
- Blue (25%)



- Red (15%)
- Yellow (42%)
- Blue (50%)



- Cyan (70%)
- Magenta (0%)
- Yellow (51%)
- Black (50%)



- Cyan (85%)
- Magenta (50%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26803F 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 26803F by changing the saturation by 10% instead.



 26803F

 26803F

FFFFFF

 006628

 5FB670

 004E11

 7BD28A

 003600

 97EEA4

 002100

 B3FFC0

 000000

 CFFFDC

 EDFFF8

 26803F

 26803F

 198036

 338048

 0C802D

 408051

 008024

 4C805B

 598064

 66806D

 738076

 808080

 8C8089

 998092

# Harmonies

## Analogous

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



62781D



26803F



008469

# Triad

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



26803F



0076C4



BA4C4E

# Complementary

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



26803F



802667

# 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.



B84877



26803F



6667BB

# Square

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



26803F



0080B5



9D559F



A95C2A

# Rectangle

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



26803F



008486



9D559F



BC495B



# Sweetspot

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



26803F



83A68D



688026



3F5445



D4D4D4



545454



# Same Dimension

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



26803F



1BA641



26806B



39403B



008023



000000



# Inverse Universe

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



802667



A61B7F



80263B



40393E



80005C



000000



# Previews

## White Background



This preview shows how the Hex color 26803F looks on a white background.

## Color Contrast Check

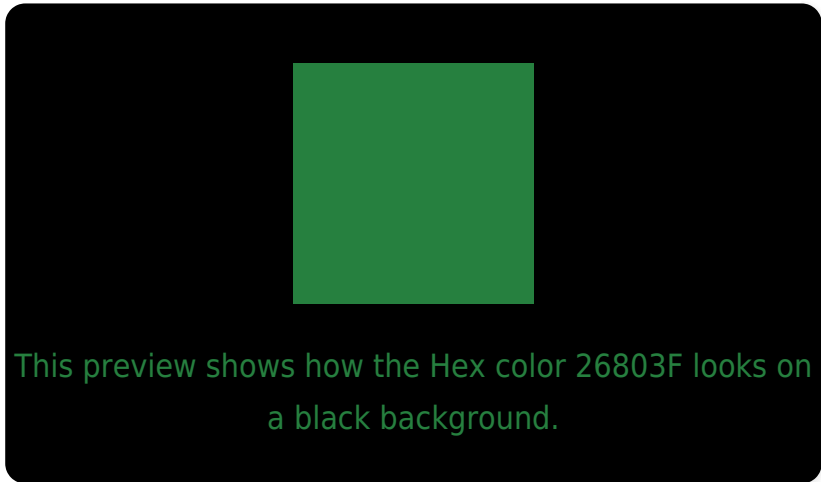
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 26803F Background



This preview shows how black text looks on a background with the Hex color 26803F.

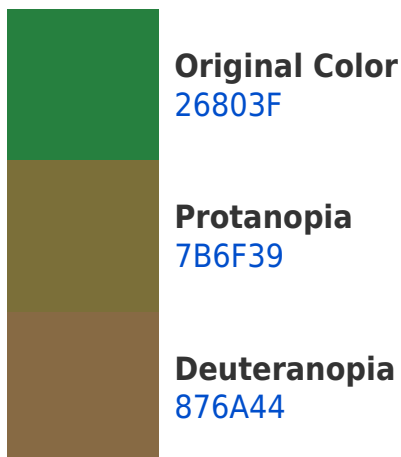


This preview shows how white text looks on a background with the Hex color 26803F.

# 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**  
3C7982

# Trichromacy



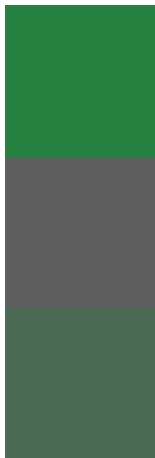
**Original Color**  
26803F

**Protanomaly**  
5C753B

**Deuteranomaly**  
647242

**Tritanomaly**  
347C6A

# Monochromacy



**Original Color**  
26803F

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
4A6A53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26803F 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 #26803F looks like.

```
.text, #text, p{  
    color:#26803F  
}
```

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 #26803F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26803F
}
```

## Border

The CSS property to change the border of an element to Hex 26803F 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
#26803F }
```

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

```
.border{ border-color:#26803F }
```

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

Here you see how a box with a 4 pixel #26803F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26803F; -webkit-box-shadow:4px 4px  
4px 4px #26803F; box-shadow:4px 4px 4px  
4px #26803F }
```

# Background

The CSS property to change the background color of an element to Hex 26803F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26803F }
```

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

```
.background{ background-color:#26803F }
```

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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