

# Converting Colors

Hex(80B26F)

Have a look what the booklet for  
Hex(80B26F) contains.

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**Color**

**Hex(80B26F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80B26F
RGB	128, 178, 111
RGB Percent	50%, 70%, 44%
CMY	0.4980, 0.3020, 0.5647
CMYK	0.28, 0.00, 0.38, 0.30
HSL	105°, 30%, 57%
HSV	105°, 38%, 70%
XYZ	27.6917, 37.5777, 20.8326
YIQ	155.4120, -8.2930, -31.4370

# Conversions

## Conversions Part 2

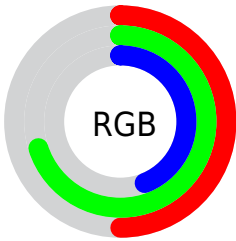
Format	Color
<a href="#">RYB</a>	<a href="#">111, 178, 161</a>
Decimal	<a href="#">8434287</a>
CIELab	<a href="#">67.71, -29.34, 29.08</a>
CIElCh	<a href="#">68, 41.312, 135.260</a>
Yxy	<a href="#">37.5777, 0.3216, 0.4364</a>
Android (android.graphics.Color)	<a href="#">4286624367 (0xFF80B26F)</a>
YUV	<a href="#">155.4120, -21.8951, -24.0403</a>
Hunter-Lab	<a href="#">61.3006, -26.6412, 22.7611</a>

# Details

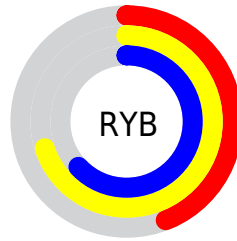
The Hex color **80B26F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A16FB2**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B6EAA3**, and **4C7D3E** is the 20% darker color. If you saturate the color by 10%, you get **73B25D**, and if you desaturate by 10%, it is **8DB281**.

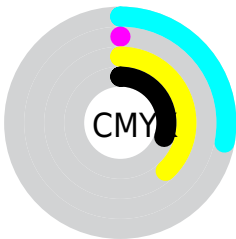
# Distribution



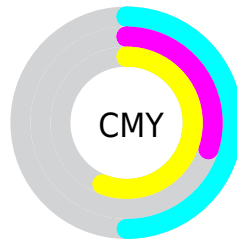
- Red (50%)
- Green (70%)
- Blue (44%)



- Red (44%)
- Yellow (70%)
- Blue (63%)



- Cyan (28%)
- Magenta (0%)
- Yellow (38%)
- Black (30%)



- Cyan (50%)
- Magenta (30%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80B26F 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 80B26F by changing the saturation by 10% instead.



 80B26F

FFFFFF

 B6EAA3

 D2FFBF

 EFFFDB

 FFFFFFF7

 80B26F

 73B25D


 80B26F

 669756

 4C7D3E

 336427

 1A4B10

 013400

 002100

 000000

 80B26F

 8DB281

 65B24B

 9BB293

 58B23A

 A8B2A4

 4BB228

 B5B2B6

 3EB216

 C2B2C8

 30B204

 D0B2DA

 2DB200

 DDB2EC

 EAB2FD

 F8B2FF

# Harmonies

## Analogous

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



AAA95B



80B26F



4DB791

# Triad

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



80B26F



43AEEC



ED8893

# Complementary

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



80B26F



A16FB2

# 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.



E189B9



80B26F



8CA2ED

# Square

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



80B26F



00B6D9



C194DA



E49072

# Rectangle

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



80B26F



14B9AB



C194DA



EB87A0



# Sweetspot

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



80B26F



D5E8CF



B2A06F



6A7566



F5F5F5



757575



# Same Dimension

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



80B26F



9AE880



6FB27F



535950



279900



061A00



# Inverse Universe

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



A16FB2



CE80E8



B26FA2



575059



720099



13001A



# Previews

## White Background



This preview shows how the Hex color 80B26F looks on a white background.

## Color Contrast Check

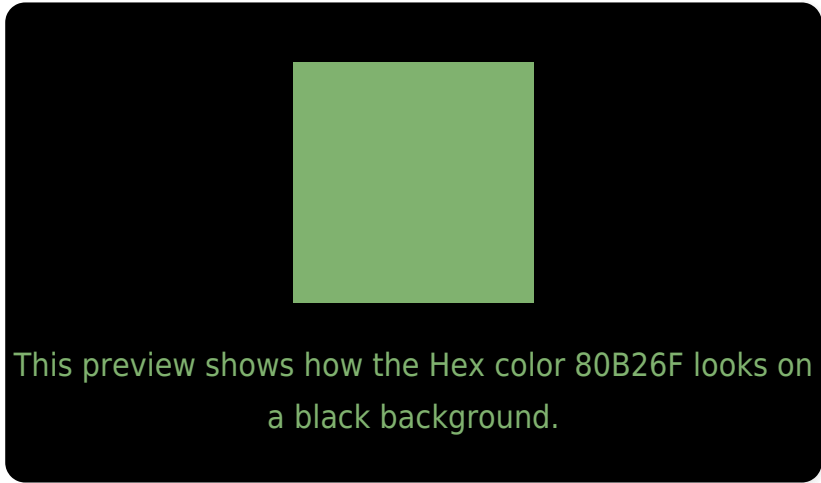
Large Text (above 18pt) WCAG AA × Fail

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

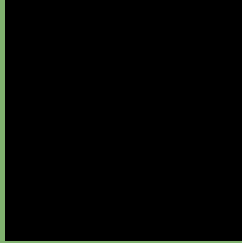
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80B26F Background



This preview shows how black text looks on a background with the Hex color 80B26F.



This preview shows how white text looks on a background with the Hex color 80B26F.

# 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**  
80B26F

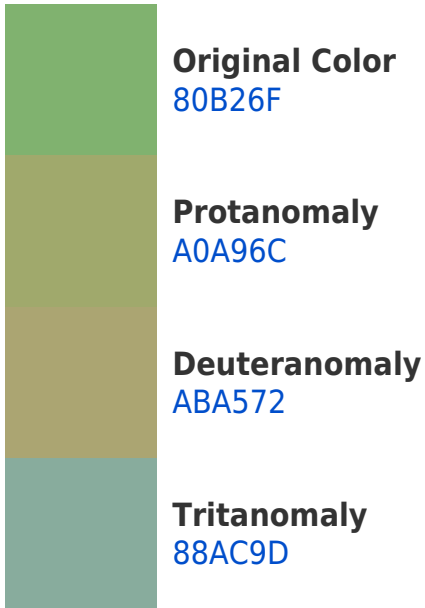
**Protanopia**  
B3A46A

**Deuteranopia**  
C49D74

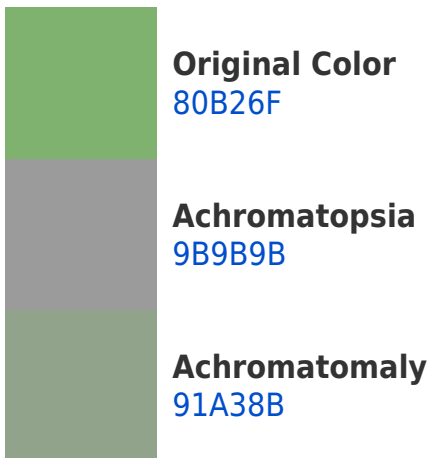


**Tritanopia**  
8CA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80B26F 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 #80B26F looks like.

```
.text, #text, p{  
    color:#80B26F  
}
```

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 #80B26F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B26F
}
```

## Border

The CSS property to change the border of an element to Hex 80B26F 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
#80B26F }
```

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

```
.border{ border-color:#80B26F }
```

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

Here you see how a box with a 4 pixel #80B26F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B26F; -webkit-box-shadow:4px 4px  
4px 4px #80B26F; box-shadow:4px 4px 4px  
4px #80B26F }
```

# Background

The CSS property to change the background color of an element to Hex 80B26F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B26F }
```

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

```
.background{ background-color:#80B26F }
```

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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