

Converting Colors

Hex(89B26F)

Have a look what the booklet for
Hex(89B26F) contains.

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Color

Hex(89B26F)

Conversions

Conversions Part 1

Format	Color
Hex	89B26F
RGB	137, 178, 111
RGB Percent	54%, 70%, 44%
CMY	0.4627, 0.3020, 0.5647
CMYK	0.23, 0.00, 0.38, 0.30
HSL	97°, 30%, 57%
HSV	97°, 38%, 70%
XYZ	29.1062, 38.3069, 20.8988
YIQ	158.1030, -2.9290, -29.5290

Conversions

Conversions Part 2

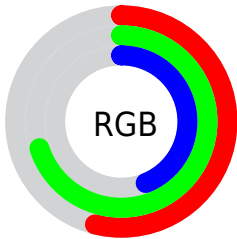
Format	Color
RYB	111, 178, 152
Decimal	9024111
CIELab	68.25, -26.11, 29.88
CIElCh	68, 39.686, 131.147
Yxy	38.3069, 0.3296, 0.4338
Android (android.graphics.Color)	4287214191 (0xFF89B26F)
YUV	158.1030, -23.2218, -18.5073
Hunter-Lab	61.8925, -24.3688, 23.3047

Details

The Hex color **89B26F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **986FB2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BFEEA3**, and **557D3E** is the 20% darker color. If you saturate the color by 10%, you get **7EB25D**, and if you desaturate by 10%, it is **94B281**.

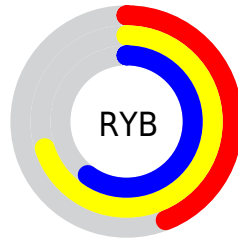
Distribution



Red (54%)

Green (70%)

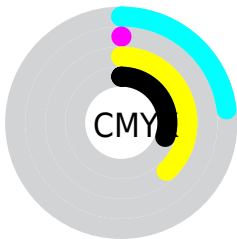
Blue (44%)



Red (44%)

Yellow (70%)

Blue (60%)

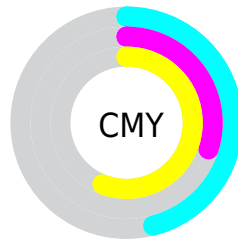


Cyan (23%)

Magenta (0%)

Yellow (38%)

Black (30%)



Cyan (46%)

Magenta (30%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B26F 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 89B26F by changing the saturation by 10% instead.



89B26F



89B26F

FFFFFF



6F9756



BFEAA3



557D3E



DCFFBF



3D6427



F9FFDB



244C0F



FFFFFF7



0D3500



002100



000000



89B26F



89B26F



7EB25D



94B281

 73B24B

 9FB293

 68B23A

 AAB2A4

 5DB228

 B5B2B6

 53B216

 BFB2C8

 48B204

 CAB2DA

 45B200

 D5B2EC

 E0B2FD

 EBB2FF

Harmonies

Analogous

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



B0A95F



89B26F



5BB88E

Triad

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



89B26F



43B0EA



EC8A9A

Complementary

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



89B26F



986FB2

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.



DE8DBE



89B26F



87A5EC

Square

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



89B26F



00B7D4



BB98DD



E69079

Rectangle

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



89B26F



33B9A7



BB98DD



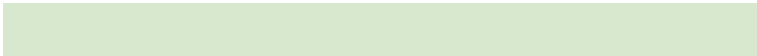
E98AA6

Sweetspot

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



89B26F



D8E8CF



B2976F



6C7566



F5F5F5



757575

Same Dimension

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



89B26F



A8E880



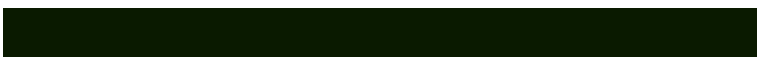
6FB276



545950



3B9900



0A1A00

Inverse Universe

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



986FB2



C080E8



B26FAB



565059



5E0099



10001A

Previews

White Background



This preview shows how the Hex color 89B26F looks on a white background.

Color Contrast Check

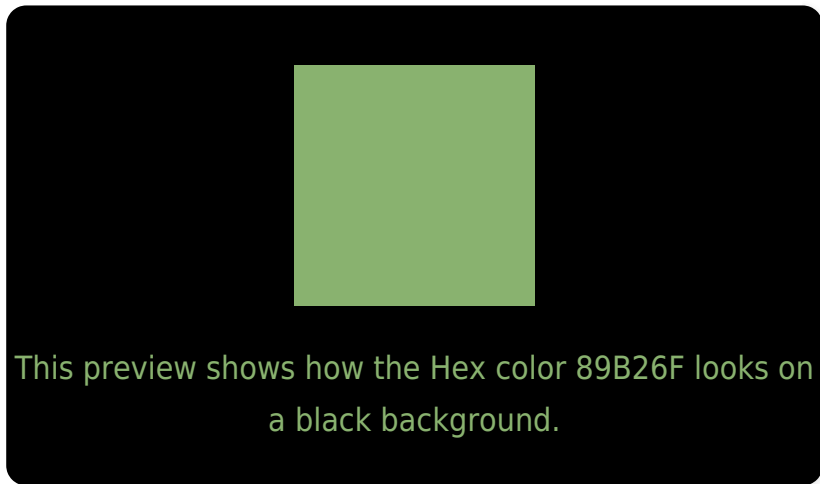
Large Text (above 18pt) WCAG AA × Fail

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

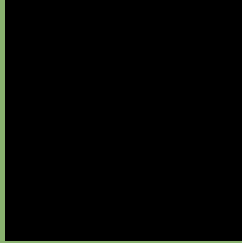
Any Text WCAG AA ✓ Pass

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 89B26F Background



This preview shows how black text looks on a background with the Hex color 89B26F.



This preview shows how white text looks on a background with the Hex color 89B26F.

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
89B26F

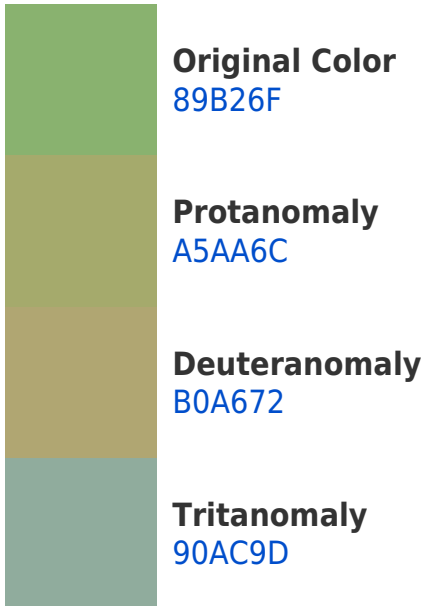
Protanopia
B5A66A

Deuteranopia
C69F73

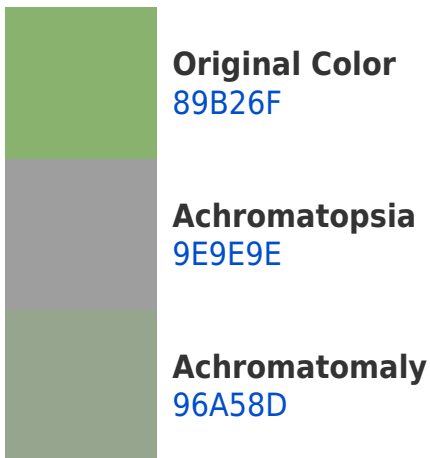


Tritanopia
94A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B26F 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 #89B26F looks like.

```
.text, #text, p{  
    color:#89B26F  
}
```

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 #89B26F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B26F
}
```

Border

The CSS property to change the border of an element to Hex 89B26F 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
#89B26F }
```

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

```
.border{ border-color:#89B26F }
```

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

Here you see how a box with a 4 pixel #89B26F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B26F; -webkit-box-shadow:4px 4px  
4px 4px #89B26F; box-shadow:4px 4px 4px  
4px #89B26F }
```

Background

The CSS property to change the background color of an element to Hex 89B26F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B26F }
```

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

```
.background{ background-color:#89B26F }
```

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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