

Converting Colors

Hex(91B26E)

Have a look what the booklet for
Hex(91B26E) contains.

Hex(91B26E)	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(91B26E)

Conversions

Conversions Part 1

Format	Color
Hex	91B26E
RGB	145, 178, 110
RGB Percent	57%, 70%, 43%
CMY	0.4314, 0.3020, 0.5686
CMYK	0.19, 0.00, 0.38, 0.30
HSL	89°, 31%, 56%
HSV	89°, 38%, 70%
XYZ	30.4119, 38.9863, 20.6741
YIQ	160.3810, 2.1600, -28.1440

Conversions

Conversions Part 2

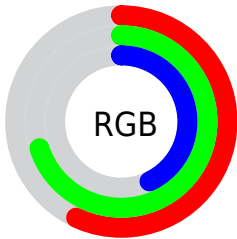
Format	Color
RYB	110, 178, 143
Decimal	9548398
CIELab	68.74, -23.28, 31.15
CIElCh	69, 38.891, 126.771
Yxy	38.9863, 0.3376, 0.4328
Android (android.graphics.Color)	4287738478 (0xFF91B26E)
YUV	160.3810, -24.8378, -13.4891
Hunter-Lab	62.4390, -22.3270, 24.0759

Details

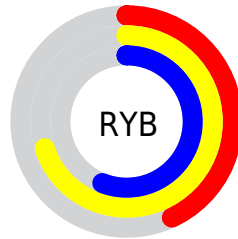
The Hex color **91B26E** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **8F6EB2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C8EAA2**, and **5D7D3D** is the 20% darker color. If you saturate the color by 10%, you get **88B25C**, and if you desaturate by 10%, it is **9AB280**.

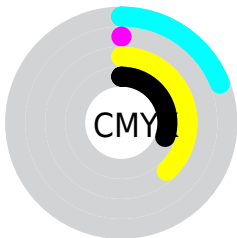
Distribution



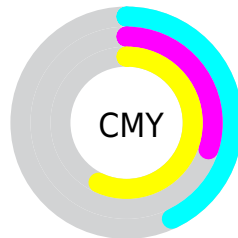
- Red (57%)
- Green (70%)
- Blue (43%)



- Red (43%)
- Yellow (70%)
- Blue (56%)



- Cyan (19%)
- Magenta (0%)
- Yellow (38%)
- Black (30%)



- Cyan (43%)
- Magenta (30%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91B26E 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 91B26E by changing the saturation by 10% instead.



91B26E



91B26E

FFFFFF



779755



C8EAA2



5D7D3D



E4FFBE



446426



FFFFDA



2C4C0E



FFFFFF6



163500



002000



000000



91B26E



91B26E



88B25C



9AB280

 80B24A

 A2B292

 77B239

 ABB2A3

 6EB227

 B4B2B5

 66B215

 BCB2C7

 5DB203

 C5B2D9

 5CB200

 CDB2EB

 D6B2FC

 DFB2FF

Harmonies

Analogous

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



B7A861



91B26E



65B88B

Triad

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



91B26E



3EB3E8



EB8CA1

Complementary

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



91B26E



8F6EB2

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.



DA90C4



91B26E



81A9ED

Square

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



91B26E



00B9D1



B69CE0



E8917F

Rectangle

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



91B26E



43BAA3



B69CE0



E88CAD

Sweetspot

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



91B26E



DCE8CF



B28F6E



6E7566



F5F5F5



757575

Same Dimension

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



91B26E



B4E87D



6FB26E



555950



4F9900



0D1A00

Inverse Universe

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



8F6EB2



B17DE8



B16EB2



555059



4A0099



0C001A

Previews

White Background



This preview shows how the Hex color 91B26E looks on a white background.

Color Contrast Check

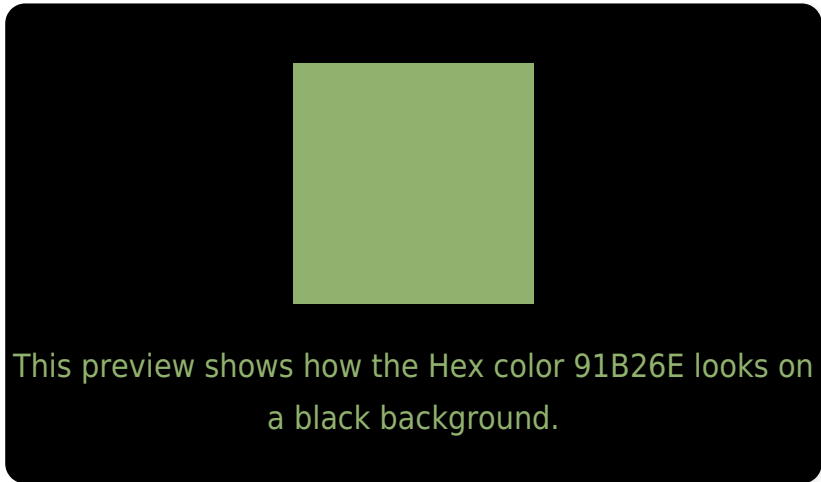
Large Text (above 18pt) WCAG AA × Fail

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

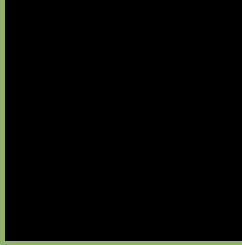
Any Text WCAG AA ✓ Pass

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 91B26E Background



This preview shows how black text looks on a background with the Hex color 91B26E.

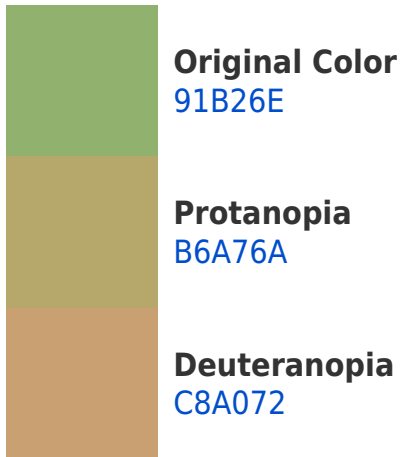


This preview shows how white text looks on a background with the Hex color 91B26E.

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](#).

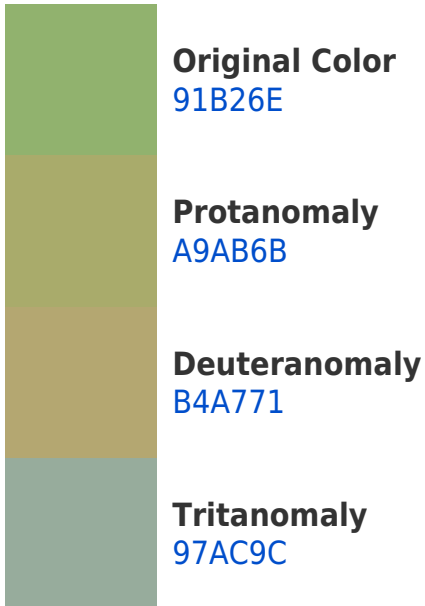
Dichromacy



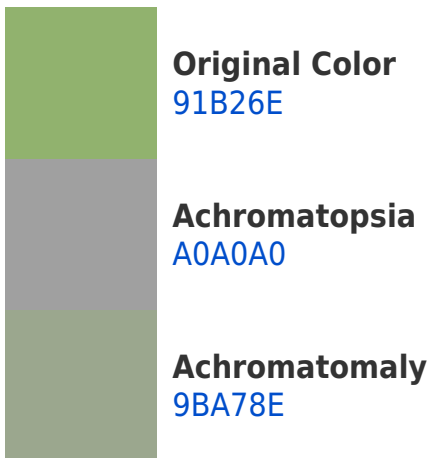


Tritanopia
9BA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91B26E 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 #91B26E looks like.

```
.text, #text, p{  
    color:#91B26E  
}
```

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 #91B26E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B26E
}
```

Border

The CSS property to change the border of an element to Hex 91B26E 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
#91B26E }
```

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

```
.border{ border-color:#91B26E }
```

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

Here you see how a box with a 4 pixel #91B26E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B26E; -webkit-box-shadow:4px 4px  
4px 4px #91B26E; box-shadow:4px 4px 4px  
4px #91B26E }
```

Background

The CSS property to change the background color of an element to Hex 91B26E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B26E }
```

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

```
.background{ background-color:#91B26E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor