

Converting Colors

Hex(91B486)

Have a look what the booklet for
Hex(91B486) contains.

Hex(91B486)	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(91B486)

Conversions

Conversions Part 1

Format	Color
Hex	91B486
RGB	145, 180, 134
RGB Percent	57%, 71%, 53%
CMY	0.4314, 0.2941, 0.4745
CMYK	0.19, 0.00, 0.26, 0.29
HSL	106°, 23%, 62%
HSV	106°, 26%, 71%
XYZ	32.3014, 40.3835, 28.6466
YIQ	164.2910, -6.0940, -21.7260

Conversions

Conversions Part 2

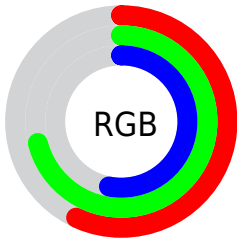
Format	Color
RYB	134, 180, 169
Decimal	9548934
CIELab	69.74, -20.65, 19.68
CIELCh	70, 28.525, 136.387
Yxy	40.3835, 0.3188, 0.3985
Android (android.graphics.Color)	4287739014 (0xFF91B486)
YUV	164.2910, -14.9335, -16.9182
Hunter-Lab	63.5480, -20.4776, 17.7565

Details

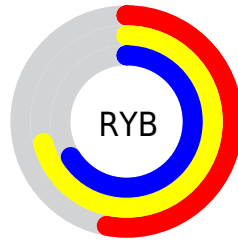
The Hex color **91B486** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A986B4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C7ECBB**, and **5E7F54** is the 20% darker color. If you saturate the color by 10%, you get **83B474**, and if you desaturate by 10%, it is **9FB498**.

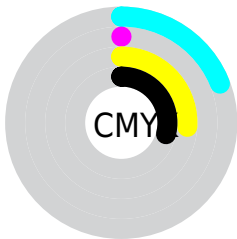
Distribution



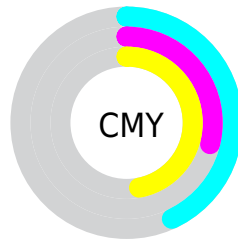
- Red (57%)
- Green (71%)
- Blue (53%)



- Red (53%)
- Yellow (71%)
- Blue (66%)



- Cyan (19%)
- Magenta (0%)
- Yellow (26%)
- Black (29%)





- Cyan (43%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91B486 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 91B486 by changing the saturation by 10% instead.

 91B486

 91B486

FFFFFF

 77996D

 C7ECBB

 5E7F54

 E4FFD7

 45663D


 FFFFF4

 2E4E26

 173711

 002100

 000000

 91B486

 91B486

 83B474

 9FB498

 76B462

 ACB4AA

 68B450

 BAB4BC

 5AB43E

 C8B4CE

 4DB42C

 D5B4E0

 3FB41A

 E3B4F2

 31B408

 F1B4FF

 2BB400

 FFB4FF

Harmonies

Analogous

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



AEAD78



91B486



73B89D

Triad

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



91B486



78B0DC



DF989D

Complementary

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



91B486



A986B4

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.



D699B7



91B486



9EA8DC

Square

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



91B486



5DB6CF



C09FCE



D99C86

Rectangle

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



91B486



63B9AF



C09FCE



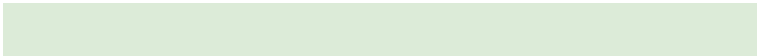
DD97A6

Sweetspot

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



91B486



DCEBD8



B4A986



6C756A



F5F5F5



757575

Same Dimension

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



91B486



B3EBA2



86B492



525950



259900



061A00

Inverse Universe

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



A986B4



D9A2EB



B486A9



575059



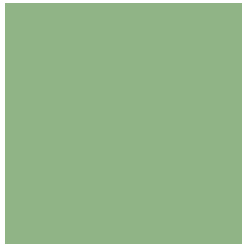
740099



13001A

Previews

White Background



This preview shows how the Hex color 91B486 looks on a white background.

Color Contrast Check

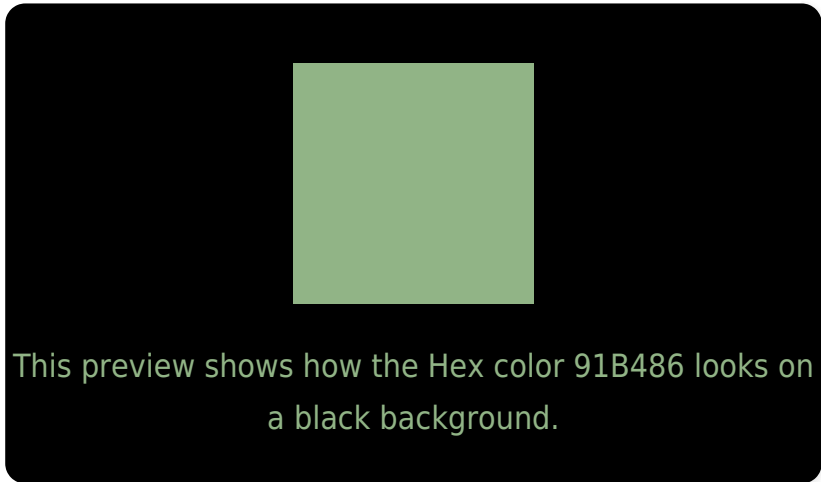
Large Text (above 18pt) WCAG AA × Fail

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

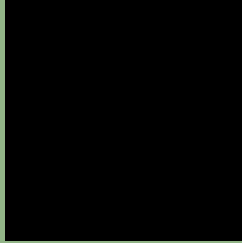
Any Text WCAG AA ✓ Pass

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 91B486 Background



This preview shows how black text looks on a background with the Hex color 91B486.

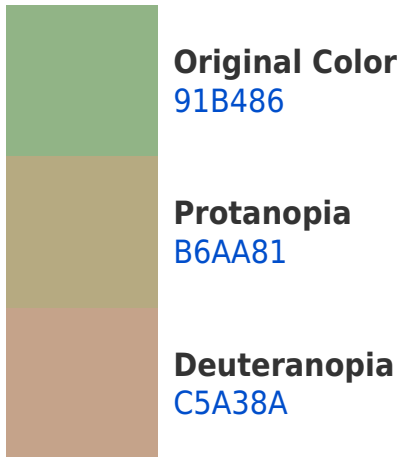


This preview shows how white text looks on a background with the Hex color 91B486.

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](#).

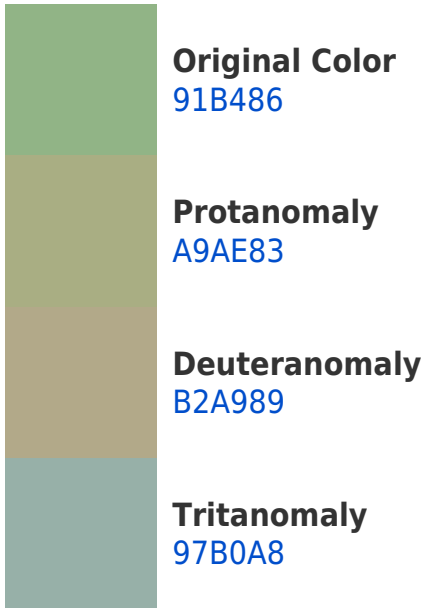
Dichromacy



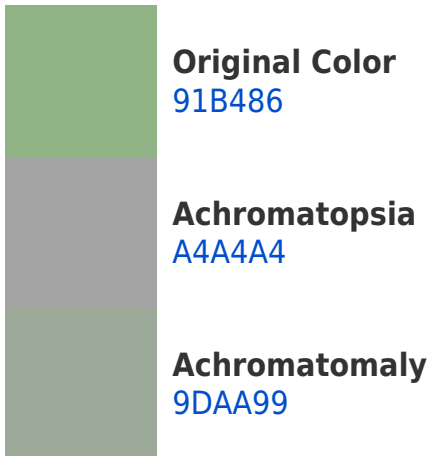


Tritanopia
9AADB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91B486 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 #91B486 looks like.

```
.text, #text, p{  
    color:#91B486  
}
```

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 #91B486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B486
}
```

Border

The CSS property to change the border of an element to Hex 91B486 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
#91B486 }
```

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

```
.border{ border-color:#91B486 }
```

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

Here you see how a box with a 4 pixel #91B486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B486; -webkit-box-shadow:4px 4px  
4px 4px #91B486; box-shadow:4px 4px 4px  
4px #91B486 }
```

Background

The CSS property to change the background color of an element to Hex 91B486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B486 }
```

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

```
.background{ background-color:#91B486 }
```

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