

Converting Colors

Hex(91B877)

Have a look what the booklet for
Hex(91B877) contains.

| | |
|--|----|
| Hex(91B877) | 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(91B877)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 91B877 |
| RGB | 145, 184, 119 |
| RGB Percent | 57%, 72%, 47% |
| CMY | 0.4314, 0.2784, 0.5333 |
| CMYK | 0.21, 0.00, 0.35, 0.28 |
| HSL | 96°, 31%, 59% |
| HSV | 96°, 35%, 72% |
| XYZ | 32.1473, 41.6326, 23.7943 |
| YIQ | 164.9290, -2.3790, -28.4830 |

Conversions

Conversions Part 2

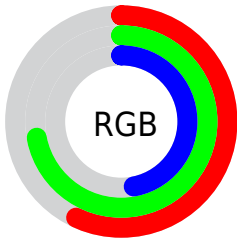
| Format | Color |
|-------------------------------------|--|
| RYB | 119, 184, 158 |
| Decimal | 9549943 |
| CIELab | 70.62, -24.98, 28.87 |
| CIELCh | 71, 38.179, 130.866 |
| Yxy | 41.6326, 0.3295, 0.4267 |
| Android (android.graphics.Color) | 4287740023 (0xFF91B877) |
| YUV | 164.9290, -22.6430, -17.4777 |
| Hunter-Lab | 64.5234, -23.9822, 23.3019 |

Details

The Hex color **91B877** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9E77B8**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C8F0AC**, and **5D8346** is the 20% darker color. If you saturate the color by 10%, you get **86B865**, and if you desaturate by 10%, it is **9CB889**.

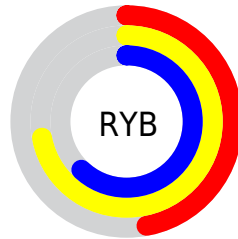
Distribution



Red (57%)

Green (72%)

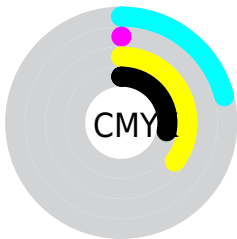
Blue (47%)



Red (47%)

Yellow (72%)

Blue (62%)

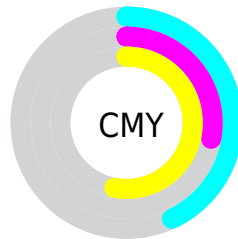


Cyan (21%)

Magenta (0%)

Yellow (35%)

Black (28%)



Cyan (43%)

Magenta (28%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91B877 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 91B877 by changing the saturation by 10% instead.



91B877



91B877

FFFFFF



779D5E



C8F0AC



5D8346



E4FFC7



44692E



FFFFE4



2C5117



143A00



002400



000400



000000



91B877



91B877

 86B865

 9CB889

 7BB852

 A7B89C

 70B840

 B2B8AE

 65B82D

 BDB8C1

 5AB81B

 C8B8D3

 4FB809

 D3B8E5

 4AB800

 DEB8F8

 E9B8FF

 F4B8FF

Harmonies

Analogous

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



B7AF68



91B877



66BE95

Triad

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



91B877



52B7EE



F092A1

Complementary

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



91B877



9E77B8

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.



E295C4



91B877



8FACF1

Square

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



91B877



16BDD9



C19FE1



EB9881

Rectangle

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



91B877



45BFAD



C19FE1



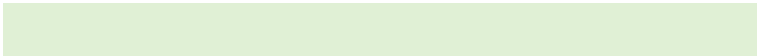
EE92AD

Sweetspot

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



91B877



E0F0D5



B89E77



6F7868



F7F7F7



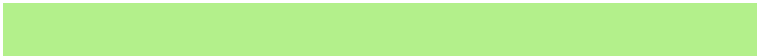
787878

Same Dimension

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



91B877



B3F08B



77B87D



565C53



3E9C00



0B1C00

Inverse Universe

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



9E77B8



C78BF0



B877B2



58535C



5D009C



11001C

Previews

White Background



This preview shows how the Hex color 91B877 looks on a white background.

Color Contrast Check

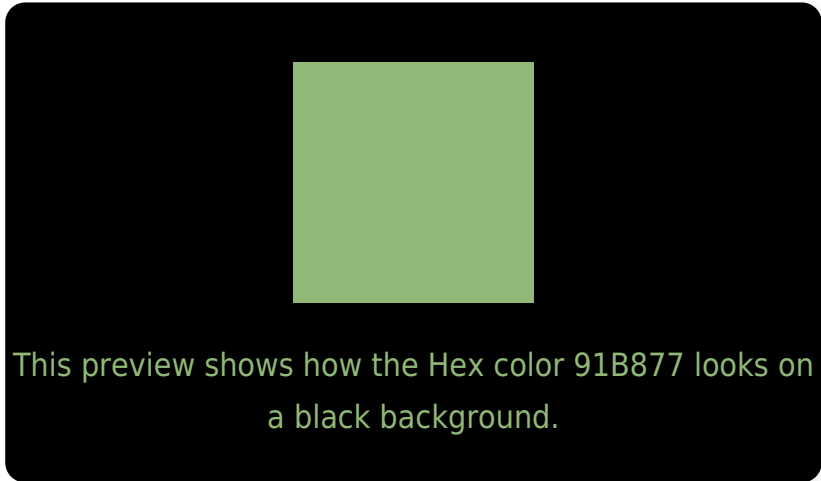
Large Text (above 18pt) WCAG AA × Fail

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

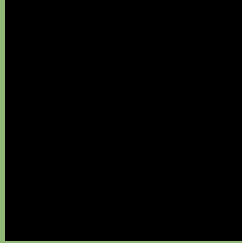
Any Text WCAG AA ✓ Pass

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 91B877 Background



This preview shows how black text looks on a background with the Hex color 91B877.

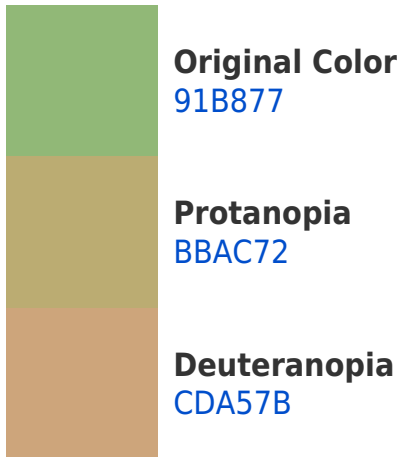


This preview shows how white text looks on a background with the Hex color 91B877.

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](#).

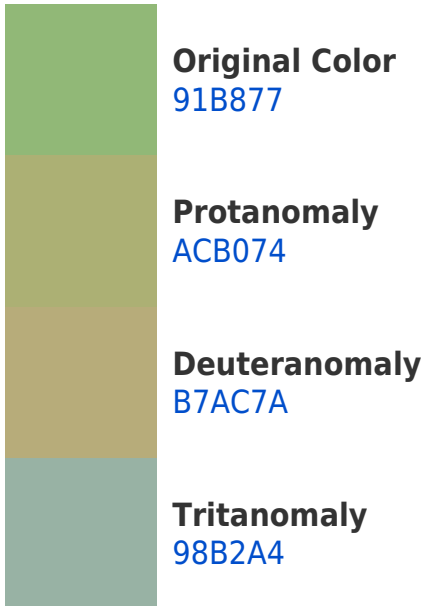
Dichromacy



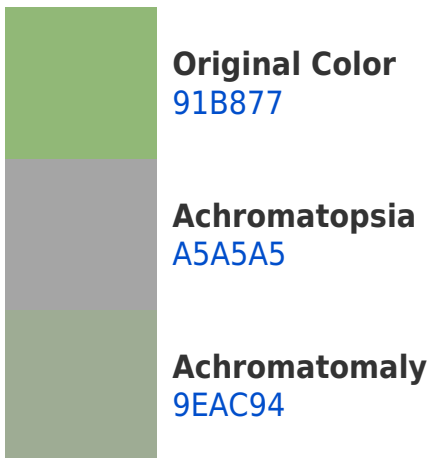


Tritanopia
9CAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91B877 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 #91B877 looks like.

```
.text, #text, p{  
    color:#91B877  
}
```

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 #91B877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B877
}
```

Border

The CSS property to change the border of an element to Hex 91B877 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
#91B877 }
```

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

```
.border{ border-color:#91B877 }
```

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

Here you see how a box with a 4 pixel #91B877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B877; -webkit-box-shadow:4px 4px  
4px 4px #91B877; box-shadow:4px 4px 4px  
4px #91B877 }
```

Background

The CSS property to change the background color of an element to Hex 91B877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B877 }
```

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

```
.background{ background-color:#91B877 }
```

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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