

Converting Colors

Hex(91B854)

Have a look what the booklet for
Hex(91B854) contains.

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Color

Hex(91B854)

Conversions

Conversions Part 1

Format	Color
Hex	91B854
RGB	145, 184, 84
RGB Percent	57%, 72%, 33%
CMY	0.4314, 0.2784, 0.6706
CMYK	0.21, 0.00, 0.54, 0.28
HSL	83°, 41%, 53%
HSV	83°, 54%, 72%
XYZ	30.4178, 40.9408, 14.6867
YIQ	160.9390, 8.8560, -39.3680

Conversions

Conversions Part 2

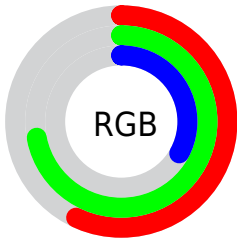
Format	Color
RYB	84, 184, 123
Decimal	9549908
CIELab	70.13, -29.26, 45.94
CIElCh	70, 54.467, 122.498
Yxy	40.9408, 0.3535, 0.4758
Android (android.graphics.Color)	4287739988 (0xFF91B854)
YUV	160.9390, -37.9309, -13.9785
Hunter-Lab	63.9850, -27.1168, 31.1805

Details

The Hex color **91B854** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7B54B8**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C9F088**, and **5C8320** is the 20% darker color. If you saturate the color by 10%, you get **8AB842**, and if you desaturate by 10%, it is **98B866**.

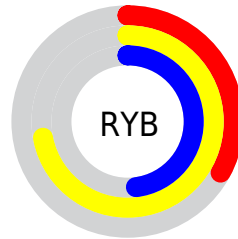
Distribution



Red (57%)

Green (72%)

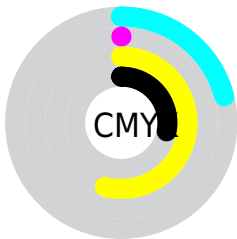
Blue (33%)



Red (33%)

Yellow (72%)

Blue (48%)

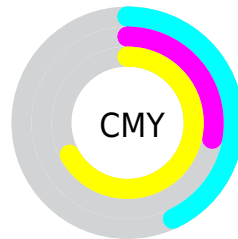


Cyan (21%)

Magenta (0%)

Yellow (54%)

Black (28%)



Cyan (43%)

Magenta (28%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91B854 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 91B854 by changing the saturation by 10% instead.

 91B854

 91B854

FFFFFF

 769D3A

 C9F088

 5C8320

 E6FFA3

 426900

 FFFFBF

 285100

 FFFFDB

 0B3A00

 FFFFF8

 002400

 000100

 000000

 91B854

 91B854

 8AB842

 98B866

 83B82F

 9FB879

 7BB81D

 A7B88B

 74B80A

 AEB89E

 70B800

 B5B8B0

 BCB8C2

 C3B8D5

 CAB8E7

 D2B8FA

Harmonies

Analogous

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



C4AA44



91B854



4DC17C

Triad

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



91B854



00BCFF



FF80A9

Complementary

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



91B854



7B54B8

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.



EC8ADA



91B854



54AFFF

Square

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



91B854



00C3DF



B49DFE



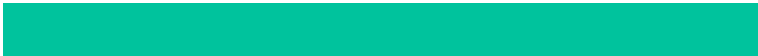
FF8779

Rectangle

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



91B854



00C39D



B49DFF



FF82BA

Sweetspot

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



91B854



E1F0C9



B87A54



6F7861



F7F7F7



787878

Same Dimension

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



91B854



B3F054



60B854



585C53



5F9C00



111C00

Inverse Universe

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



7B54B8



9154F0



AC54B8



56535C



3D009C



0B001C

Previews

White Background



This preview shows how the Hex color 91B854 looks on a white background.

Color Contrast Check

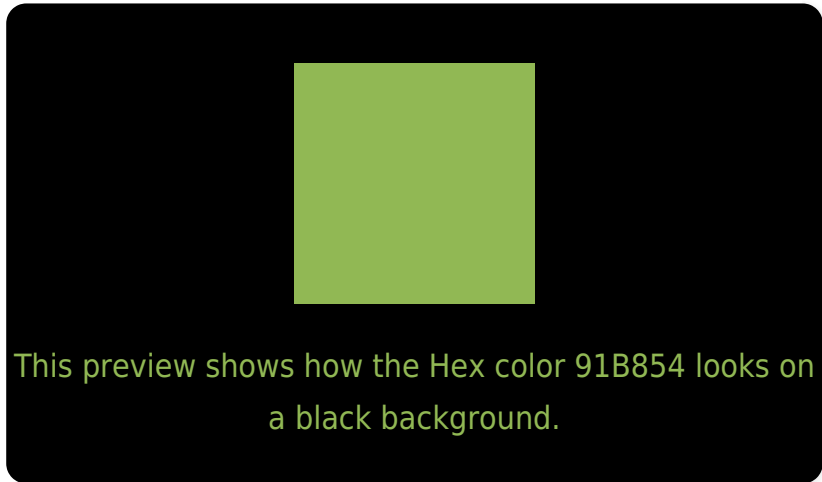
Large Text (above 18pt) WCAG AA × Fail

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 91B854 Background



This preview shows how black text looks on a background with the Hex color 91B854.

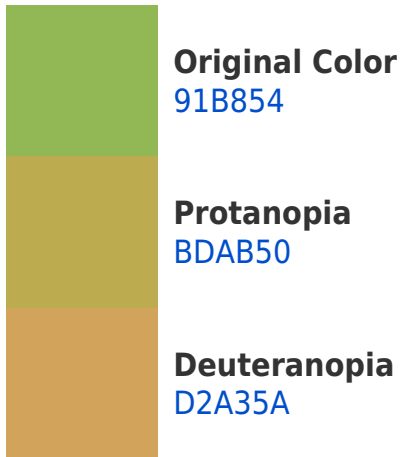


This preview shows how white text looks on a background with the Hex color 91B854.

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](#).

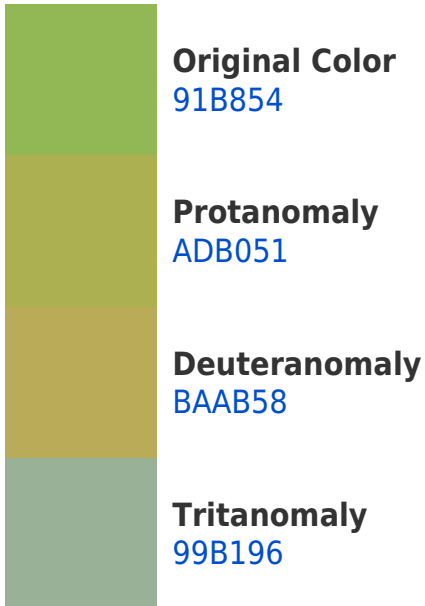
Dichromacy



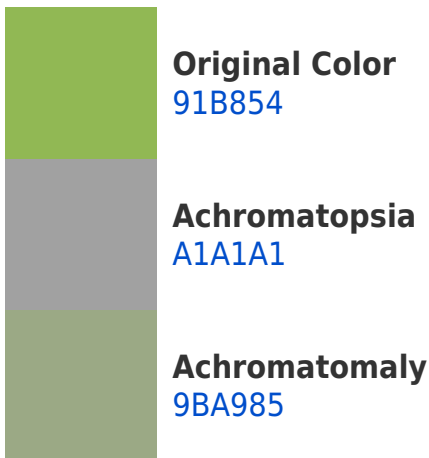


Tritanopia
9EADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91B854 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 #91B854 looks like.

```
.text, #text, p{  
    color:#91B854  
}
```

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 #91B854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B854
}
```

Border

The CSS property to change the border of an element to Hex 91B854 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
#91B854 }
```

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

```
.border{ border-color:#91B854 }
```

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

Here you see how a box with a 4 pixel #91B854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B854; -webkit-box-shadow:4px 4px  
4px 4px #91B854; box-shadow:4px 4px 4px  
4px #91B854 }
```

Background

The CSS property to change the background color of an element to Hex 91B854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B854 }
```

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

```
.background{ background-color:#91B854 }
```

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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