

Converting Colors

Hex(93B858)

Have a look what the booklet for
Hex(93B858) contains.

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Color

Hex(93B858)

Conversions

Conversions Part 1

Format	Color
Hex	93B858
RGB	147, 184, 88
RGB Percent	58%, 72%, 35%
CMY	0.4235, 0.2784, 0.6549
CMYK	0.20, 0.00, 0.52, 0.28
HSL	83°, 40%, 53%
HSV	83°, 52%, 72%
XYZ	30.9346, 41.1886, 15.5523
YIQ	161.9930, 8.7640, -37.7000

Conversions

Conversions Part 2

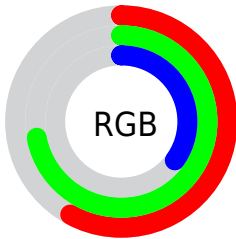
Format	Color
R_{YB}	88, 184, 125
Decimal	9680984
CIE _{Lab}	70.31, -28.09, 44.26
CIE _{LCh}	70, 52.419, 122.397
Yxy	41.1886, 0.3528, 0.4698
Android (android.graphics.Color)	4287871064 (0xFF93B858)
YUV	161.9930, -36.4785, -13.1489
Hunter-Lab	64.1783, -26.2734, 30.5571

Details

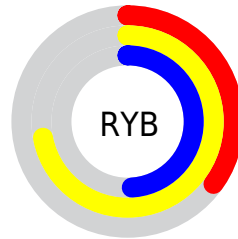
The Hex color **93B858** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7D58B8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CBF08C**, and **5E8325** is the 20% darker color. If you saturate the color by 10%, you get **8CB846**, and if you desaturate by 10%, it is **9AB86A**.

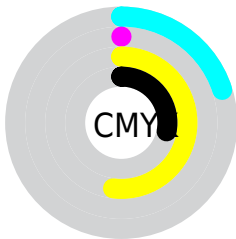
Distribution



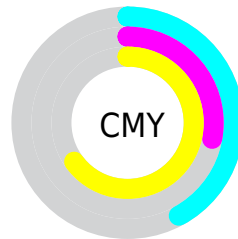
- Red (58%)
- Green (72%)
- Blue (35%)



- Red (35%)
- Yellow (72%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (52%)
- Black (28%)



- Cyan (42%)
- Magenta (28%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B858 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 93B858 by changing the saturation by 10% instead.



93B858



93B858

FFFFFF



789D3F



CBF08C



5E8325



E8FFA7



446907



FFFFC3



2B5100



FFFFE0



103A00



FFFFFC



002400



000200



000000



93B858



93B858

 8CB846

 9AB86A

 85B833

 A1B87D

 7EB821

 A8B88F

 77B80E

 AFB8A2

 71B800

 B6B8B4

 BEB8C6

 C5B8D9

 CCB8EB

 D3B8FE

Harmonies

Analogous

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



C4AB49



93B858



53C07E

Triad

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



93B858



00BCFF



FF83AA

Complementary

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



93B858



7D58B8

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.



EA8CD9



93B858



5BB0FF

Square

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



93B858



00C3DE



B49EFD



FF897B

Rectangle

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



93B858



00C39E



B49EFD



FE84BA

Sweetspot

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



93B858



E1F0C9



B87D58



6F7861



F7F7F7



787878

Same Dimension

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



93B858



B5F059



63B858



585C53



609C00



111C00

Inverse Universe

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



7D58B8



9359F0



AD58B8



56535C



3C009C



0B001C

Previews

White Background



This preview shows how the Hex color 93B858 looks on a white background.

Color Contrast Check

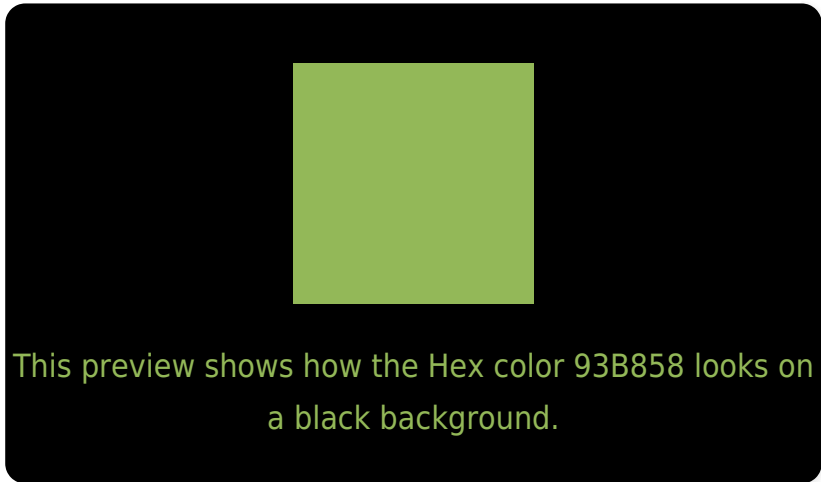
Large Text (above 18pt) WCAG AA × Fail

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 93B858 Background



This preview shows how black text looks on a background with the Hex color 93B858.

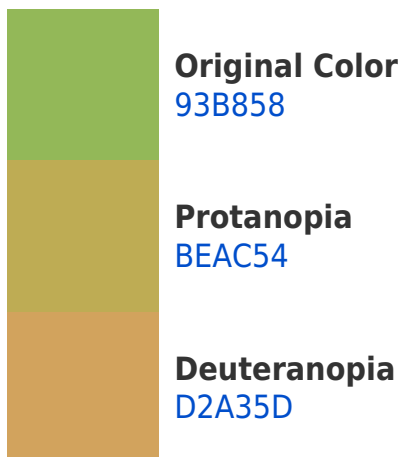


This preview shows how white text looks on a background with the Hex color 93B858.

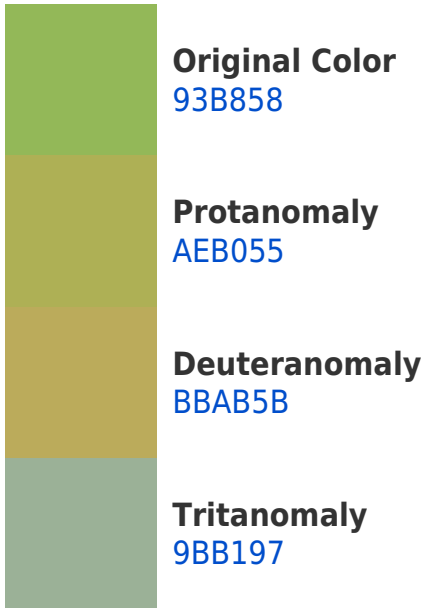
Color Blindness Simulation

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](#).

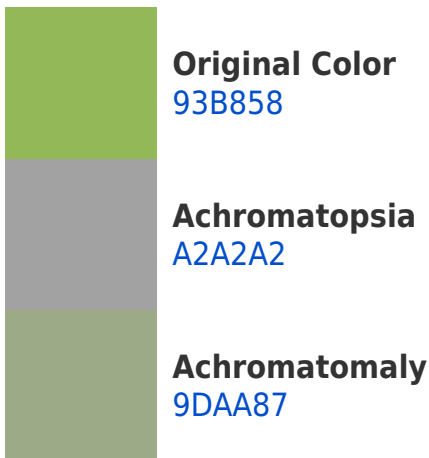
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B858 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 #93B858 looks like.

```
.text, #text, p{  
    color:#93B858  
}
```

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 #93B858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B858  
}
```

Border

The CSS property to change the border of an element to Hex 93B858 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  
#93B858 }
```

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

```
.border{ border-color:#93B858 }
```

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

Here you see how a box with a 4 pixel #93B858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B858; -webkit-box-shadow:4px 4px  
4px 4px #93B858; box-shadow:4px 4px 4px  
4px #93B858 }
```

Background

The CSS property to change the background color of an element to Hex 93B858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B858 }
```

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

```
.background{ background-color:#93B858 }
```

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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