

# Converting Colors

Hex(93BA59)

Have a look what the booklet for  
Hex(93BA59) contains.

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**Color**

**Hex(93BA59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93BA59
RGB	147, 186, 89
RGB Percent	58%, 73%, 35%
CMY	0.4235, 0.2706, 0.6510
CMYK	0.21, 0.00, 0.52, 0.27
HSL	84°, 41%, 54%
HSV	84°, 52%, 73%
XYZ	31.3947, 42.0421, 15.9115
YIQ	163.2810, 7.8930, -38.4350

# Conversions

## Conversions Part 2

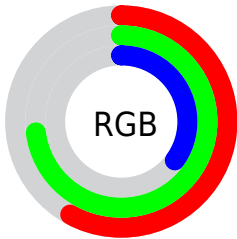
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	89, 186, 128
Decimal	9681497
CIE <sub>Lab</sub>	70.90, -28.94, 44.48
CIE <sub>LCh</sub>	71, 53.068, 123.048
Yxy	42.0421, 0.3514, 0.4705
Android (android.graphics.Color)	4287871577 (0xFF93BA59)
YUV	163.2810, -36.6205, -14.2784
Hunter-Lab	64.8399, -27.0423, 30.8384

# Details

The Hex color **93BA59** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8059BA**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CBF28D**, and **5E8526** is the 20% darker color. If you saturate the color by 10%, you get **8CBA46**, and if you desaturate by 10%, it is **9ABA6C**.

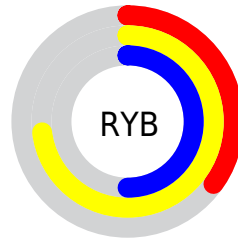
# Distribution



Red (58%)

Green (73%)

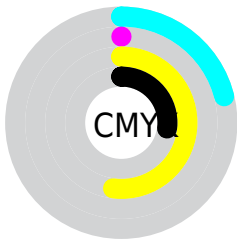
Blue (35%)



Red (35%)

Yellow (73%)

Blue (50%)

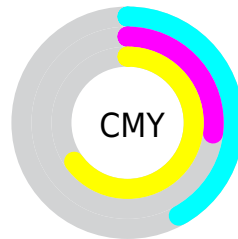


Cyan (21%)

Magenta (0%)

Yellow (52%)

Black (27%)



Cyan (42%)

Magenta (27%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93BA59 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 93BA59 by changing the saturation by 10% instead.





93BA59



93BA59

FFFFFF



789F40



CBF28D



5E8526



E8FFA8



446B08



FFFFC4



2A5300



FFFFE1



0F3B00

FFFFFFE



002600



000600



000000



93BA59



93BA59

8CBA46

9ABA6C

84BA34

A2BA7E

7DBA21

A9BA91

75BA0F

B1BAA3

6FBA00

B8BAB6

C0BAC9

C7BADB

CFBAEE

D6BAFF

# Harmonies

## Analogous

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



C5AD49



93BA59



51C280

# Triad

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



93BA59



00BEFF



FF84AA

# Complementary

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



93BA59



8059BA

# 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.



ED8DDA



93BA59



5EB1FF

# Square

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



93BA59



00C5E1



B79FFF



FF8B7B

# Rectangle

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



93BA59



00C5A0



B79FFF



FF85BB



# Sweetspot

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



93BA59



E3F2CB



BA8059



717A63



FAFAFA



7A7A7A



# Same Dimension

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



93BA59



B5F25A



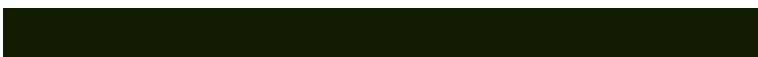
63BA59



585C53



5D9C00



111C00



# Inverse Universe

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



8059BA



975AF2



B059BA



56535C



3F009C



0B001C



# Previews

## White Background



This preview shows how the Hex color 93BA59 looks on a white background.

## Color Contrast Check

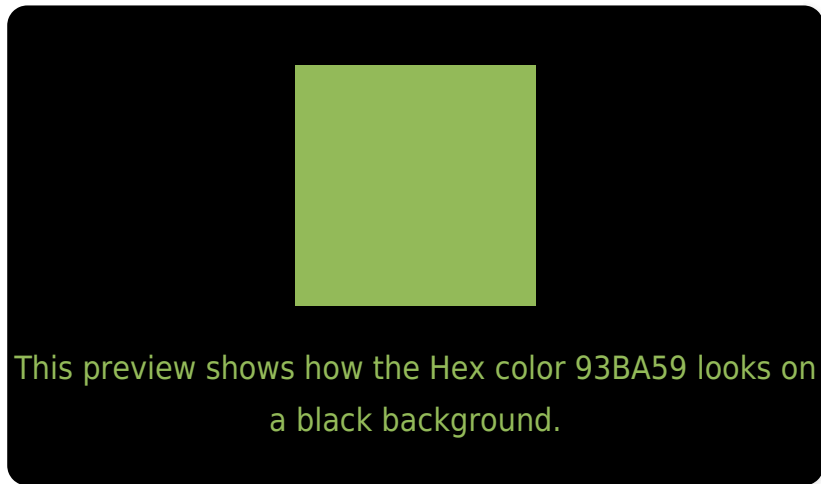
Large Text (above 18pt) WCAG AA × Fail

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

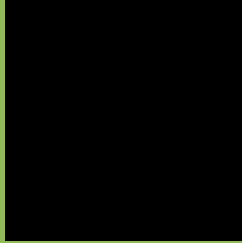
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93BA59 Background



This preview shows how black text looks on a background with the Hex color 93BA59.

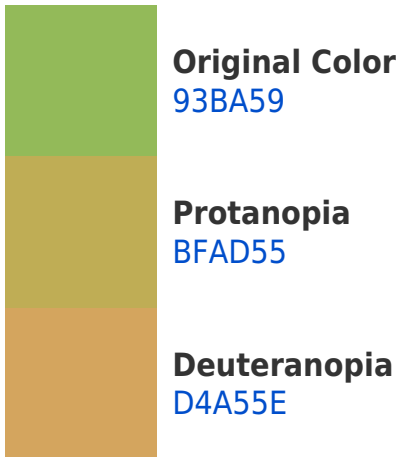


This preview shows how white text looks on a background with the Hex color 93BA59.

# Color Blindness Simulation

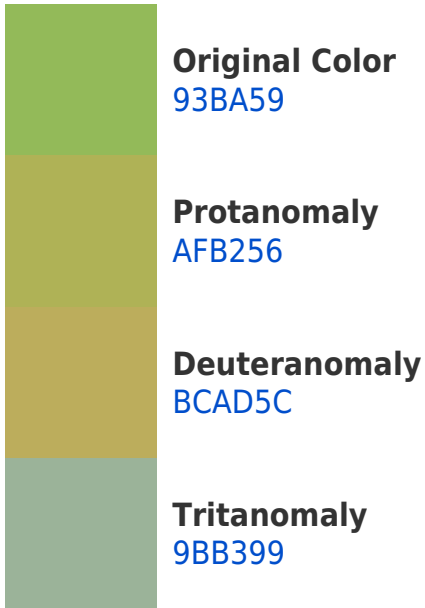
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

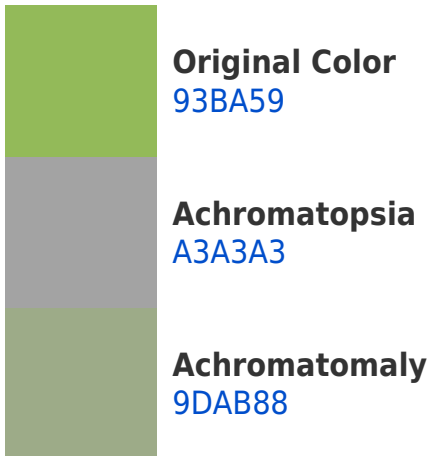




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93BA59 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 #93BA59 looks like.

```
.text, #text, p{  
    color:#93BA59  
}
```

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 #93BA59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93BA59
}
```

## Border

The CSS property to change the border of an element to Hex 93BA59 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
#93BA59 }
```

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

```
.border{ border-color:#93BA59 }
```

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

Here you see how a box with a 4 pixel #93BA59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93BA59; -webkit-box-shadow:4px 4px  
4px 4px #93BA59; box-shadow:4px 4px 4px  
4px #93BA59 }
```

# Background

The CSS property to change the background color of an element to Hex 93BA59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93BA59 }
```

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

```
.background{ background-color:#93BA59 }
```

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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