

Converting Colors

Hex(93BF66)

Have a look what the booklet for
Hex(93BF66) contains.

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Color

Hex(93BF66)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 93BF66 |
| RGB | 147, 191, 102 |
| RGB Percent | 58%, 75%, 40% |
| CMY | 0.4235, 0.2510, 0.6000 |
| CMYK | 0.23, 0.00, 0.47, 0.25 |
| HSL | 90°, 41%, 57% |
| HSV | 90°, 47%, 75% |
| XYZ | 33.0617, 44.4240, 19.4025 |
| YIQ | 167.6980, 2.3450, -37.0070 |

Conversions

Conversions Part 2

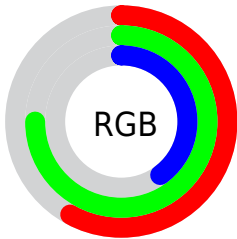
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 191, 146 |
| Decimal | 9682790 |
| CIELab | 72.51, -29.87, 40.06 |
| CIELCh | 73, 49.971, 126.712 |
| Yxy | 44.4240, 0.3412, 0.4585 |
| Android (android.graphics.Color) | 4287872870 (0xFF93BF66) |
| YUV | 167.6980, -32.3891, -18.1521 |
| Hunter-Lab | 66.6513, -28.0967, 29.3963 |

Details

The Hex color **93BF66** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9266BF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CBF89B**, and **5E8934** is the 20% darker color. If you saturate the color by 10%, you get **8ABF53**, and if you desaturate by 10%, it is **9CBF79**.

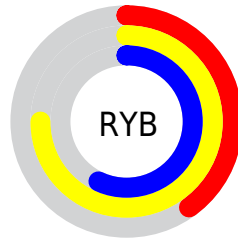
Distribution



Red (58%)

Green (75%)

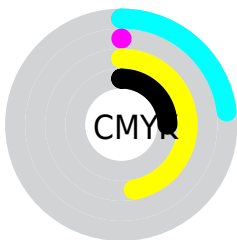
Blue (40%)



Red (40%)

Yellow (75%)

Blue (57%)

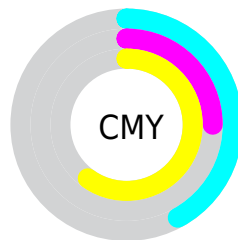


Cyan (23%)

Magenta (0%)

Yellow (47%)

Black (25%)



Cyan (42%)

Magenta (25%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93BF66 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 93BF66 by changing the saturation by 10% instead.

 93BF66

 93BF66

FFFFFF

 78A44D

 CBF89B

 5E8934

 E7FFB6

 44701B

 FFFFD2

 2B5700

 FFFFEF

 123F00

 002900

 001000

 000000

 93BF66

 93BF66

 8ABF53

 9CBF79

 80BF40

 A6BF8C

 77BF2D

 AFBF9F

 6DBF1A

 B9BFB2

 64BF07

 C2BFC6

 61BF00

 CCBFD9

 D5BFEC

 DFBFFF

 E8BFFF

Harmonies

Analogous

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



C4B354



93BF66



54C78C

Triad

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



93BF66



00C0FF



FF8CA9

Complementary

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



93BF66



9266BF

Split Complementary

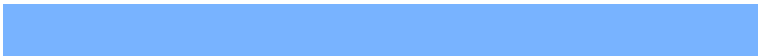
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F392D7



93BF66



78B3FF

Square

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



93BF66



00C7E7



C3A2FB



FF937E

Rectangle

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



93BF66



00C9AB



C3A2FB



FF8CB9

Sweetspot

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



93BF66



E6F7D5



BF9166



727D68



FCFCFC



7D7D7D

Same Dimension

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



93BF66



B3F76D



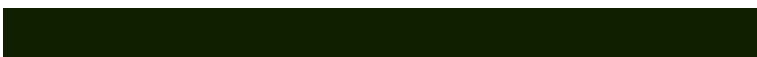
67BF66



5A5E55



509E00



0F1F00

Inverse Universe

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



9266BF



B16DF7



BE66BF



5A555E



4E009E



0F001F

Previews

White Background



This preview shows how the Hex color 93BF66 looks on a white background.

Color Contrast Check

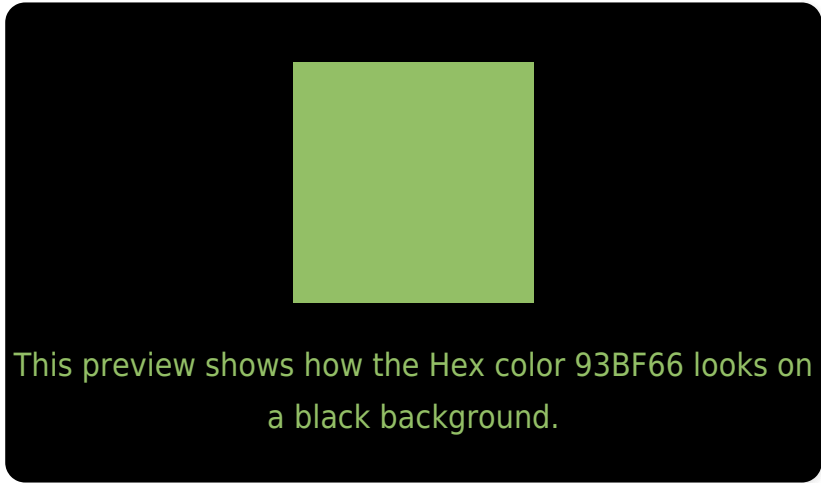
Large Text (above 18pt) WCAG AA × Fail

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 93BF66 Background



This preview shows how black text looks on a background with the Hex color 93BF66.

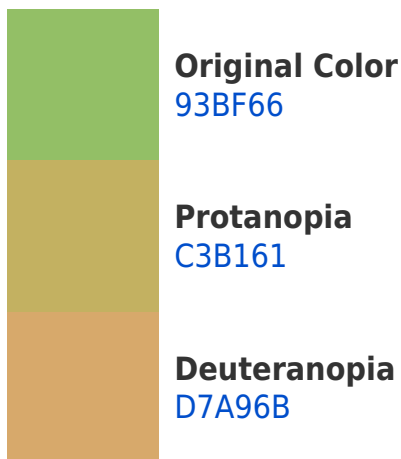


This preview shows how white text looks on a background with the Hex color 93BF66.

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](#).

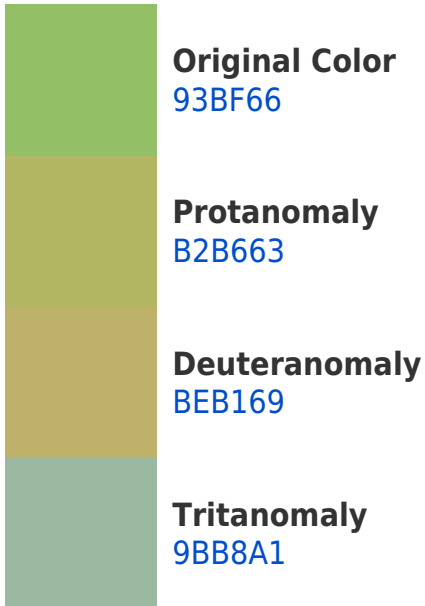
Dichromacy



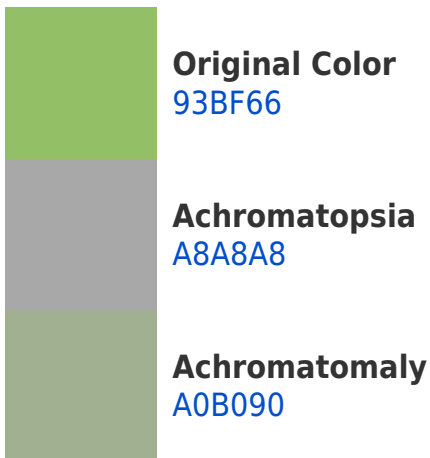


Tritanopia
A0B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93BF66 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 #93BF66 looks like.

```
.text, #text, p{  
    color:#93BF66  
}
```

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 #93BF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93BF66
}
```

Border

The CSS property to change the border of an element to Hex 93BF66 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
#93BF66 }
```

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

```
.border{ border-color:#93BF66 }
```

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

Here you see how a box with a 4 pixel #93BF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93BF66; -webkit-box-shadow:4px 4px  
4px 4px #93BF66; box-shadow:4px 4px 4px  
4px #93BF66 }
```

Background

The CSS property to change the background color of an element to Hex 93BF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93BF66 }
```

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

```
.background{ background-color:#93BF66 }
```

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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