

Converting Colors

Hex(93BF60)

Have a look what the booklet for
Hex(93BF60) contains.

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Color

Hex(93BF60)

Conversions

Conversions Part 1

Format	Color
Hex	93BF60
RGB	147, 191, 96
RGB Percent	58%, 75%, 38%
CMY	0.4235, 0.2510, 0.6235
CMYK	0.23, 0.00, 0.50, 0.25
HSL	88°, 43%, 56%
HSV	88°, 50%, 75%
XYZ	32.7747, 44.3092, 17.8914
YIQ	167.0140, 4.2710, -38.8730

Conversions

Conversions Part 2

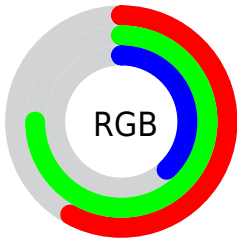
Format	Color
R_{YB}	96, 191, 140
Decimal	9682784
CIE _{Lab}	72.43, -30.56, 42.93
CIE _{LCh}	72, 52.697, 125.449
Yxy	44.3092, 0.3451, 0.4665
Android (android.graphics.Color)	4287872864 (0xFF93BF60)
YUV	167.0140, -35.0099, -17.5523
Hunter-Lab	66.5651, -28.6008, 30.6596

Details

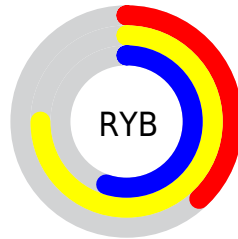
The Hex color **93BF60** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8C60BF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **CBF895**, and **5E892E** is the 20% darker color. If you saturate the color by 10%, you get **8ABF4D**, and if you desaturate by 10%, it is **9CBF73**.

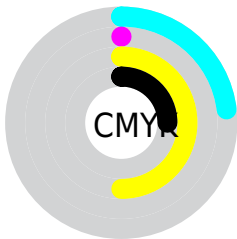
Distribution



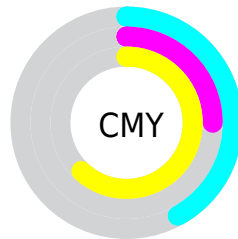
- Red (58%)
- Green (75%)
- Blue (38%)



- Red (38%)
- Yellow (75%)
- Blue (55%)



- Cyan (23%)
- Magenta (0%)
- Yellow (50%)
- Black (25%)



- Cyan (42%)
- Magenta (25%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93BF60 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 93BF60 by changing the saturation by 10% instead.



93BF60



93BF60

FFFFFF



78A447



CBF895



5E892E



E8FFB0



447013



FFFCC



2A5700



FFFFE8



0F3F00



002900



001000



000000



93BF60



93BF60

 8ABF4D

 9CBF73

 81BF3A

 A5BF86

 78BF27

 AEBF99

 70BF14

 B6BFAC

 67BF01

 BFBFBF

 67BF00

 C8BFD3

 D1BFE6

 DABFF9

 E3BFFF

Harmonies

Analogous

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



C6B24E



93BF60



50C788

Triad

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



93BF60



00C1FF



FF89AB

Complementary

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



93BF60



8C60BF

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.



F490DB



93BF60



6DB4FF

Square

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



93BF60



00C8E8



C1A2FF



FF907C

Rectangle

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



93BF60



00CAA8



C1A2FF



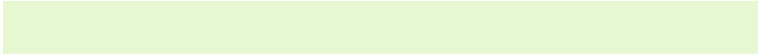
FF89BB

Sweetspot

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



93BF60



E6F7D2



BF8B60



737D66



FCFCFC



7D7D7D

Same Dimension

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



93BF60



B3F763



65BF60



5A5E55



559E00



101F00

Inverse Universe

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



8C60BF



A863F7



BA60BF



59555E



49009E



0E001F

Previews

White Background



This preview shows how the Hex color 93BF60 looks on a white background.

Color Contrast Check

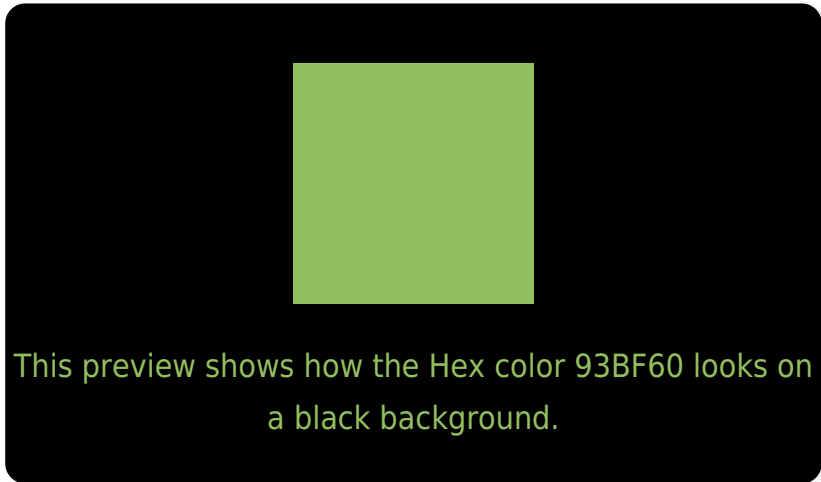
Large Text (above 18pt) WCAG AA × Fail

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

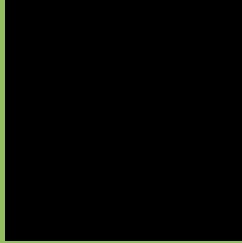
Any Text WCAG AA ✓ Pass

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 93BF60 Background



This preview shows how black text looks on a background with the Hex color 93BF60.

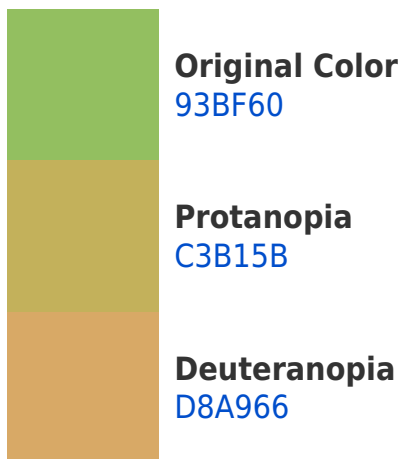


This preview shows how white text looks on a background with the Hex color 93BF60.

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](#).

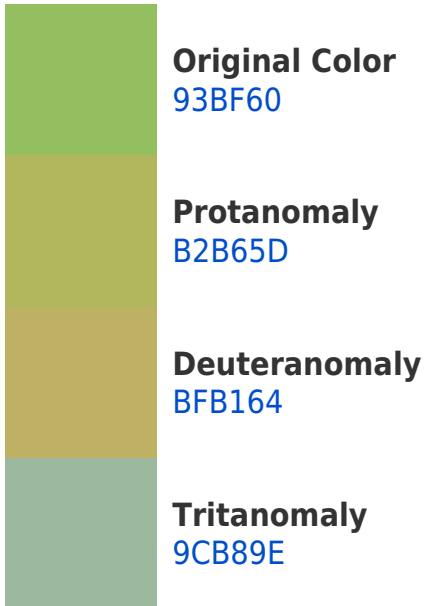
Dichromacy



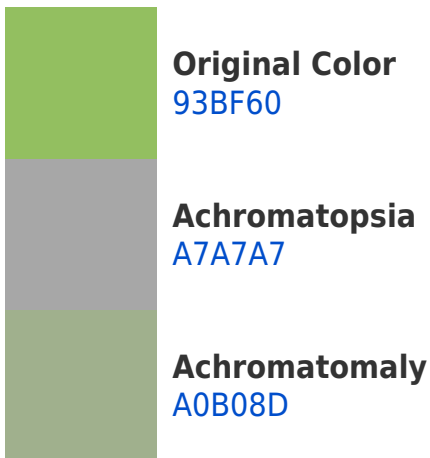


Tritanopia
A1B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93BF60 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 #93BF60 looks like.

```
.text, #text, p{  
    color:#93BF60  
}
```

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 #93BF60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93BF60
}
```

Border

The CSS property to change the border of an element to Hex 93BF60 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
#93BF60 }
```

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

```
.border{ border-color:#93BF60 }
```

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

Here you see how a box with a 4 pixel #93BF60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93BF60; -webkit-box-shadow:4px 4px  
4px 4px #93BF60; box-shadow:4px 4px 4px  
4px #93BF60 }
```

Background

The CSS property to change the background color of an element to Hex 93BF60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93BF60 }
```

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

```
.background{ background-color:#93BF60 }
```

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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