

Converting Colors

Hex(93B151)

Have a look what the booklet for
Hex(93B151) contains.

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Color

Hex(93B151)

Conversions

Conversions Part 1

Format	Color
Hex	93B151
RGB	147, 177, 81
RGB Percent	58%, 69%, 32%
CMY	0.4235, 0.3059, 0.6824
CMYK	0.17, 0.00, 0.54, 0.31
HSL	79°, 38%, 51%
HSV	79°, 54%, 69%
XYZ	29.2400, 38.2414, 13.6248
YIQ	157.0860, 12.9360, -36.2160

Conversions

Conversions Part 2

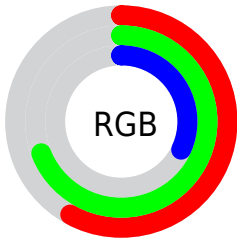
Format	Color
RYB	81, 177, 111
Decimal	9679185
CIELab	68.20, -25.39, 45.13
CIElCh	68, 51.785, 119.360
Yxy	38.2414, 0.3605, 0.4715
Android (android.graphics.Color)	4287869265 (0xFF93B151)
YUV	157.0860, -37.5104, -8.8454
Hunter-Lab	61.8396, -23.8183, 30.2247

Details

The Hex color **93B151** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6F51B1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **CBE985**, and **5E7C1E** is the 20% darker color. If you saturate the color by 10%, you get **8DB13F**, and if you desaturate by 10%, it is **99B163**.

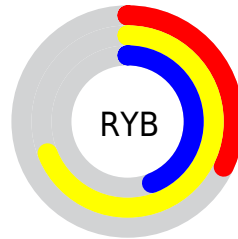
Distribution



Red (58%)

Green (69%)

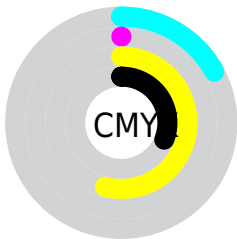
Blue (32%)



Red (32%)

Yellow (69%)

Blue (44%)

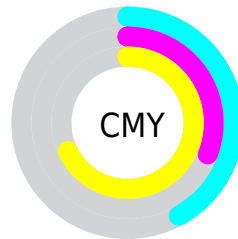


Cyan (17%)

Magenta (0%)

Yellow (54%)

Black (31%)



Cyan (42%)

Magenta (31%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B151 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 93B151 by changing the saturation by 10% instead.

 93B151

 93B151

FFFFFF

 789638

 CBE985

 5E7C1E

 E8FFA0

 446300

 FFFFBC

 2C4B00

 FFFF80

 103400

 FFFFF5

 002000

 000000

 93B151

 93B151

 8DB13F

 99B163

 88B12E

 9EB174

 82B11C

 A4B186

 7DB10A

 A9B198

 7AB100

 AFB1AA

 B4B1BB

 BAB1CD

 BFB1DF

 C5B1F0

Harmonies

Analogous

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



C2A345



93B151



56BA75

Triad

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



93B151



00B7F6



FA7EA9

Complementary

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



93B151



6F51B1

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.



DF88D7



93B151



49ACFF

Square

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



93B151



00BDD3



A79AF8



FC837B

Rectangle

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



93B151



00BD93



A79AF8



F480B9

Sweetspot

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



93B151



DAE6C1



B16E51



6C735D



F2F2F2



737373

Same Dimension

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



93B151



B7E650



64B151



565950



699900



121A00

Inverse Universe

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



6F51B1



7F50E6



9E51B1



535059



300099



08001A

Previews

White Background



This preview shows how the Hex color 93B151 looks on a white background.

Color Contrast Check

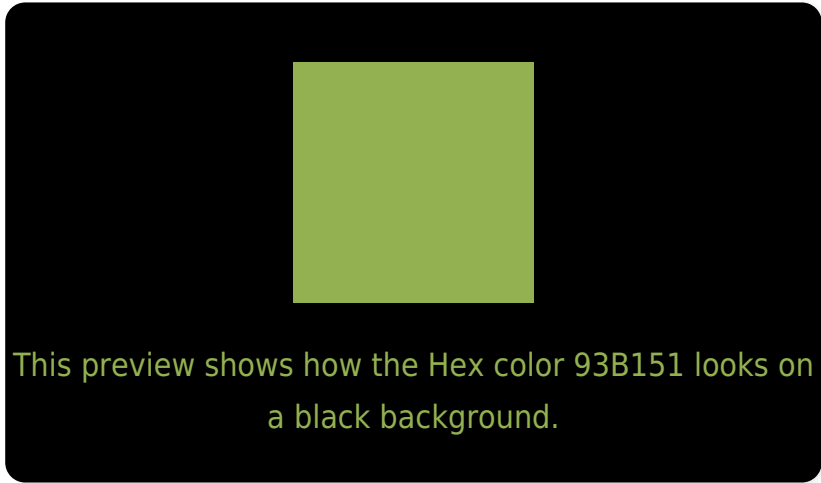
Large Text (above 18pt) WCAG AA × Fail

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

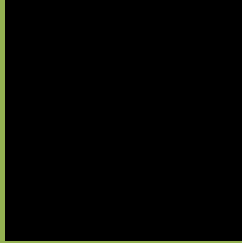
Any Text WCAG AA ✓ Pass

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 93B151 Background



This preview shows how black text looks on a background with the Hex color 93B151.

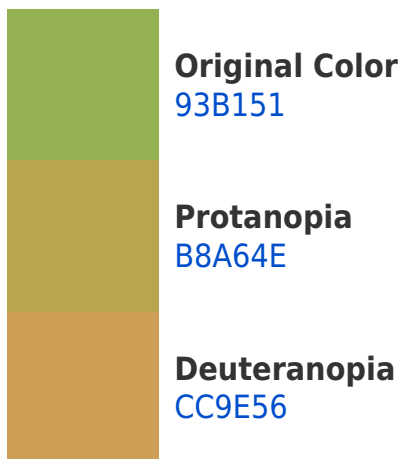


This preview shows how white text looks on a background with the Hex color 93B151.

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](#).

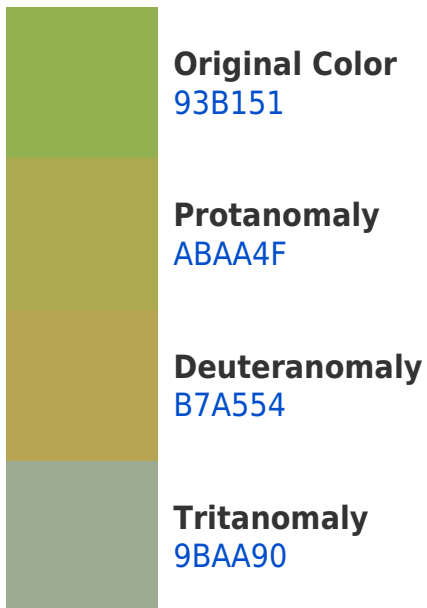
Dichromacy



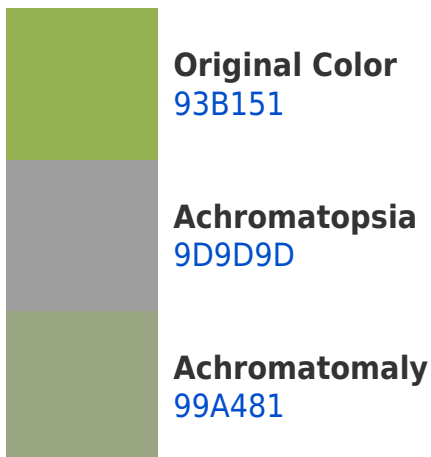


Tritanopia
9FA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B151 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 #93B151 looks like.

```
.text, #text, p{  
    color:#93B151  
}
```

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 #93B151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B151
}
```

Border

The CSS property to change the border of an element to Hex 93B151 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
#93B151 }
```

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

```
.border{ border-color:#93B151 }
```

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

Here you see how a box with a 4 pixel #93B151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B151; -webkit-box-shadow:4px 4px  
4px 4px #93B151; box-shadow:4px 4px 4px  
4px #93B151 }
```

Background

The CSS property to change the background color of an element to Hex 93B151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B151 }
```

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

```
.background{ background-color:#93B151 }
```

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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