

Converting Colors

Hex(93BB45)

Have a look what the booklet for
Hex(93BB45) contains.

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Color

Hex(93BB45)

Conversions

Conversions Part 1

Format	Color
Hex	93BB45
RGB	147, 187, 69
RGB Percent	58%, 73%, 27%
CMY	0.4235, 0.2667, 0.7294
CMYK	0.21, 0.00, 0.63, 0.27
HSL	80°, 46%, 50%
HSV	80°, 63%, 73%
XYZ	30.8771, 42.1734, 12.1431
YIQ	161.5880, 14.0380, -45.1780

Conversions

Conversions Part 2

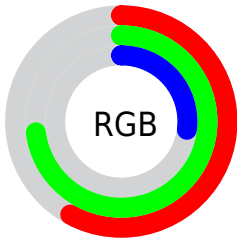
Format	Color
RYB	69, 187, 109
Decimal	9681733
CIELab	70.99, -31.24, 53.71
CIElCh	71, 62.138, 120.182
Yxy	42.1734, 0.3624, 0.4950
Android (android.graphics.Color)	4287871813 (0xFF93BB45)
YUV	161.5880, -45.6459, -12.7937
Hunter-Lab	64.9410, -28.7764, 34.3723

Details

The Hex color **93BB45** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6D45BB**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CBF37A**, and **5D8606** is the 20% darker color. If you saturate the color by 10%, you get **8DBB32**, and if you desaturate by 10%, it is **99BB58**.

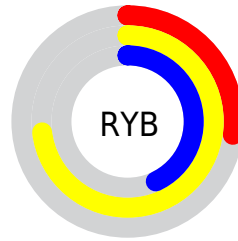
Distribution



Red (58%)

Green (73%)

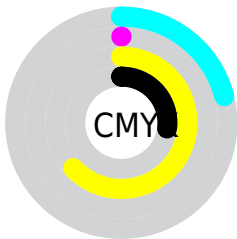
Blue (27%)



Red (27%)

Yellow (73%)

Blue (43%)

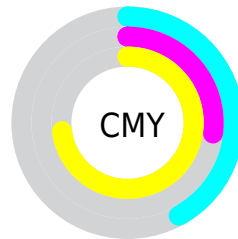


Cyan (21%)

Magenta (0%)

Yellow (63%)

Black (27%)



Cyan (42%)

Magenta (27%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93BB45 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 93BB45 by changing the saturation by 10% instead.



93BB45



93BB45

FFFFFF



78A02A



CBF37A



5D8606



E9FF95



426C00



FFFFB1



285400



FFFFCD



073C00



FFFEEA



002600



000700



000000



93BB45



93BB45

 8DBB32

 99BB58

 86BB20

 A0BB6A

 80BB0D

 A6BB7D

 7CBB00

 ACBB90

 B3BBA3

 B9BBB5

 BFBBC8

 C6BBDB

 CCBBED

Harmonies

Analogous

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



CCAB34



93BB45



41C573

Triad

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



93BB45



00C2FF



FF7AB0

Complementary

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



93BB45



6D45BB

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.



F387E7



93BB45



10B4FF

Square

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



93BB45



00C8E5



AF9FFF



FF8178

Rectangle

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



93BB45



00C899



AF9FFF



FF7CC3

Sweetspot

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



93BB45



E3F2C4



BB6C45



717A5E



FAFAFA



7A7A7A

Same Dimension

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



93BB45



B4F23A



59BB45



5B5E55



699E00



141F00

Inverse Universe

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



6D45BB



793AF2



A745BB



58555E



36009E



0A001F

Previews

White Background



This preview shows how the Hex color 93BB45 looks on a white background.

Color Contrast Check

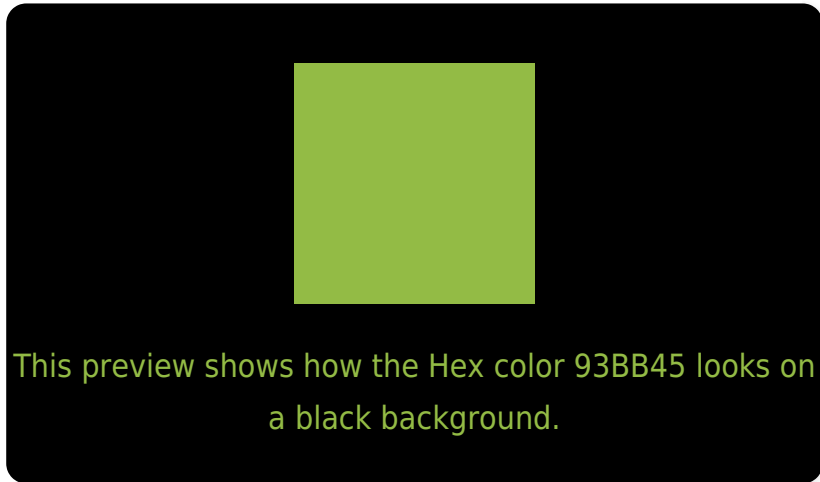
Large Text (above 18pt) WCAG AA × Fail

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 93BB45 Background



This preview shows how black text looks on a background with the Hex color 93BB45.



This preview shows how white text looks on a background with the Hex color 93BB45.

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

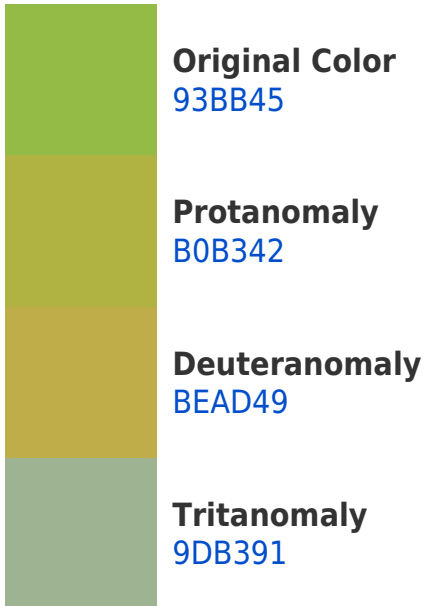


Original Color
93BB45

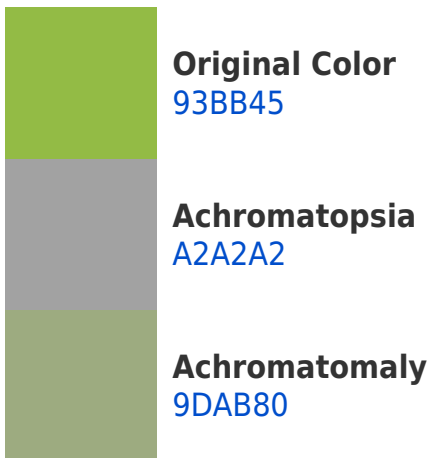
Protanopia
C1AE41

Deuteranopia
D7A54C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93BB45 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 #93BB45 looks like.

```
.text, #text, p{  
    color:#93BB45  
}
```

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 #93BB45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93BB45
}
```

Border

The CSS property to change the border of an element to Hex 93BB45 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
#93BB45 }
```

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

```
.border{ border-color:#93BB45 }
```

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

Here you see how a box with a 4 pixel #93BB45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93BB45; -webkit-box-shadow:4px 4px  
4px 4px #93BB45; box-shadow:4px 4px 4px  
4px #93BB45 }
```

Background

The CSS property to change the background color of an element to Hex 93BB45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93BB45 }
```

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

```
.background{ background-color:#93BB45 }
```

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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