

Converting Colors

Hex(93B955)

Have a look what the booklet for
Hex(93B955) contains.

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Color

Hex(93B955)

Conversions

Conversions Part 1

Format	Color
Hex	93B955
RGB	147, 185, 85
RGB Percent	58%, 73%, 33%
CMY	0.4235, 0.2745, 0.6667
CMYK	0.21, 0.00, 0.54, 0.27
HSL	83°, 42%, 53%
HSV	83°, 54%, 73%
XYZ	31.0213, 41.5568, 14.9806
YIQ	162.2380, 9.4520, -39.1560

Conversions

Conversions Part 2

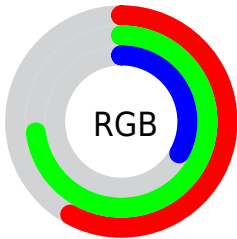
Format	Color
RYB	85, 185, 123
Decimal	9681237
CIELab	70.56, -28.87, 46.00
CIELCh	71, 54.309, 122.112
Yxy	41.5568, 0.3543, 0.4746
Android (android.graphics.Color)	4287871317 (0xFF93B955)
YUV	162.2380, -38.0783, -13.3637
Hunter-Lab	64.4646, -26.9163, 31.3471

Details

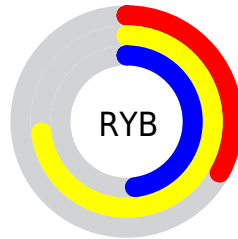
The Hex color **93B955** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7B55B9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **CBF189**, and **5E8421** is the 20% darker color. If you saturate the color by 10%, you get **8CB942**, and if you desaturate by 10%, it is **9AB968**.

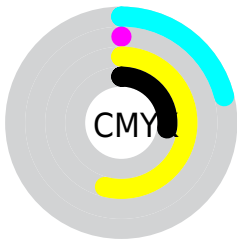
Distribution



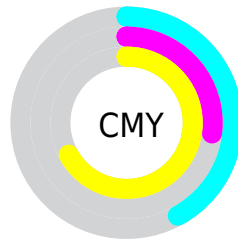
- Red (58%)
- Green (73%)
- Blue (33%)



- Red (33%)
- Yellow (73%)
- Blue (48%)



- Cyan (21%)
- Magenta (0%)
- Yellow (54%)
- Black (27%)



- Cyan (42%)
- Magenta (27%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B955 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 93B955 by changing the saturation by 10% instead.



93B955



93B955

FFFFFF



789E3B



CBF189



5E8421



E8FFA4



446A01



FFFFC0



2A5200



FFFFDD



0E3B00



FFFFFA



002500



000400



000000



93B955



93B955

 8CB942

 9AB968

 85B930

 A1B97A

 7EB91D

 A8B98D

 77B90B

 AFB99F

 73B900

 B6B9B2

 BDB9C4

 C4B9D6

 CBB9E9

 D2B9FC

Harmonies

Analogous

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



C6AB45



93B955



4FC27C

Triad

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



93B955



00BEFF



FF82AB

Complementary

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



93B955



7B55B9

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.



EC8BDC



93B955



55B1FF

Square

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



93B955



00C4E0



B49EFF



FF887B

Rectangle

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



93B955



00C59D



B49EFF



FF83BC

Sweetspot

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



93B955



E1F0C9



B97A55



6F7861



F7F7F7



787878

Same Dimension

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



93B955



B4F054



62B955



585C53



609C00



111C00

Inverse Universe

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



7B55B9



8F54F0



AC55B9



56535C



3B009C



0B001C

Previews

White Background



This preview shows how the Hex color 93B955 looks on a white background.

Color Contrast Check

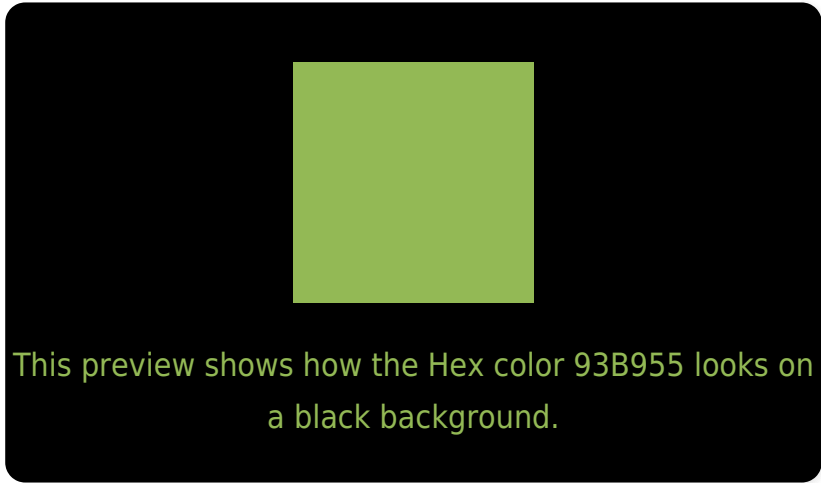
Large Text (above 18pt) WCAG AA × Fail

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 93B955 Background



This preview shows how black text looks on a background with the Hex color 93B955.



This preview shows how white text looks on a background with the Hex color 93B955.

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

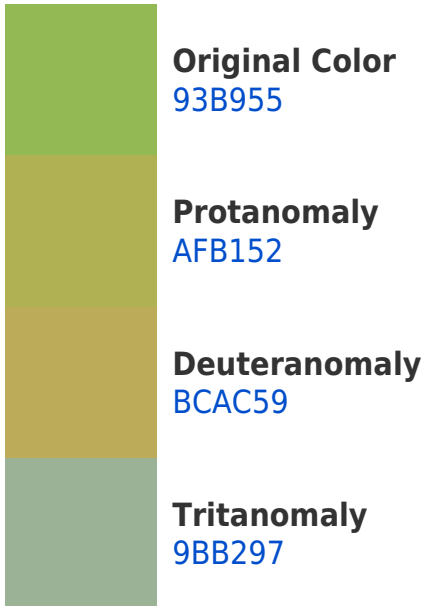


Original Color
93B955

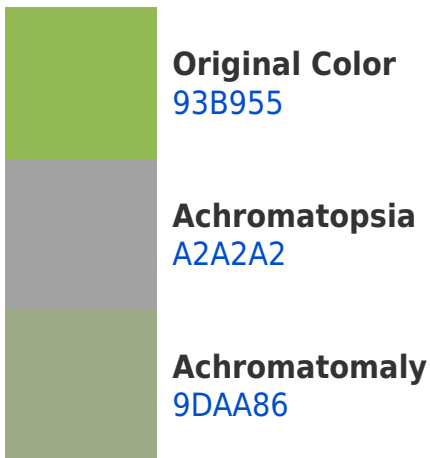
Protanopia
BFAC51

Deuteranopia
D3A45B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B955 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 #93B955 looks like.

```
.text, #text, p{  
    color:#93B955  
}
```

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 #93B955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B955
}
```

Border

The CSS property to change the border of an element to Hex 93B955 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
#93B955 }
```

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

```
.border{ border-color:#93B955 }
```

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

Here you see how a box with a 4 pixel #93B955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B955; -webkit-box-shadow:4px 4px  
4px 4px #93B955; box-shadow:4px 4px 4px  
4px #93B955 }
```

Background

The CSS property to change the background color of an element to Hex 93B955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B955 }
```

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

```
.background{ background-color:#93B955 }
```

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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