

Converting Colors

Hex(93B637)

Have a look what the booklet for
Hex(93B637) contains.

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Color

Hex(93B637)

Conversions

Conversions Part 1

Format	Color
Hex	93B637
RGB	147, 182, 55
RGB Percent	58%, 71%, 22%
CMY	0.4235, 0.2863, 0.7843
CMYK	0.19, 0.00, 0.70, 0.29
HSL	77°, 54%, 46%
HSV	77°, 70%, 71%
XYZ	29.4502, 39.9348, 9.7704
YIQ	157.0570, 19.9070, -46.9170

Conversions

Conversions Part 2

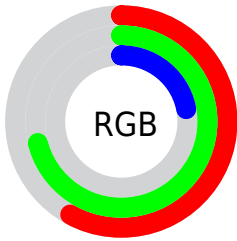
Format	Color
RYB	55, 182, 90
Decimal	9680439
CIELab	69.42, -29.86, 57.74
CIELCh	69, 65.007, 117.347
Yxy	39.9348, 0.3721, 0.5045
Android (android.graphics.Color)	4287870519 (0xFF93B637)
YUV	157.0570, -50.3141, -8.8200
Hunter-Lab	63.1940, -27.4034, 35.0689

Details

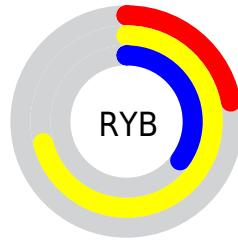
The Hex color **93B637** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5A37B6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CCEE6D**, and **5C8100** is the 20% darker color. If you saturate the color by 10%, you get **8EB625**, and if you desaturate by 10%, it is **98B649**.

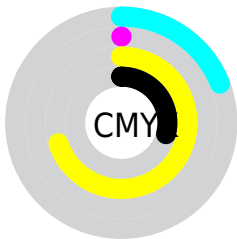
Distribution



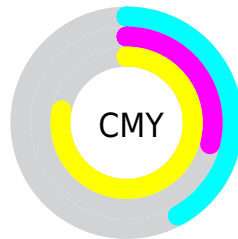
- Red (58%)
- Green (71%)
- Blue (22%)



- Red (22%)
- Yellow (71%)
- Blue (35%)



- Cyan (19%)
- Magenta (0%)
- Yellow (70%)
- Black (29%)



- Cyan (42%)
- Magenta (29%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B637 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 93B637 by changing the saturation by 10% instead.



93B637



93B637

FFFFFF



779B18



CCEE6D



5C8100



E9FF88



426800



FFFFA4



274F00



FFFFC0



063800



FFFFDD



002300



FFFFFA



000000



93B637



93B637



8EB625



98B649

 89B613

 9DB65B

 84B600

 A2B66E

 A7B680

 ACB692

 B1B6A4

 B6B6B6

 BBB6C9

 C0B6DB

Harmonies

Analogous

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



CDA527



93B637



3FC067

Triad

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



93B637



00BFFF



FF72B1

Complementary

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



93B637



5A37B6

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.



EC83EA



93B637



00B2FF

Square

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



93B637



00C5DE



A19CFF



FF7877

Rectangle

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



93B637



00C48E



A19CFF



FF76C5

Sweetspot

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



93B637



DFEDBB



B65937



70785A



F7F7F7



787878

Same Dimension

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



93B637



B6ED26



55B637



595C53



719C00



141C00

Inverse Universe

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



5A37B6



5D26ED



9837B6



55535C



2B009C



08001C

Previews

White Background



This preview shows how the Hex color 93B637 looks on a white background.

Color Contrast Check

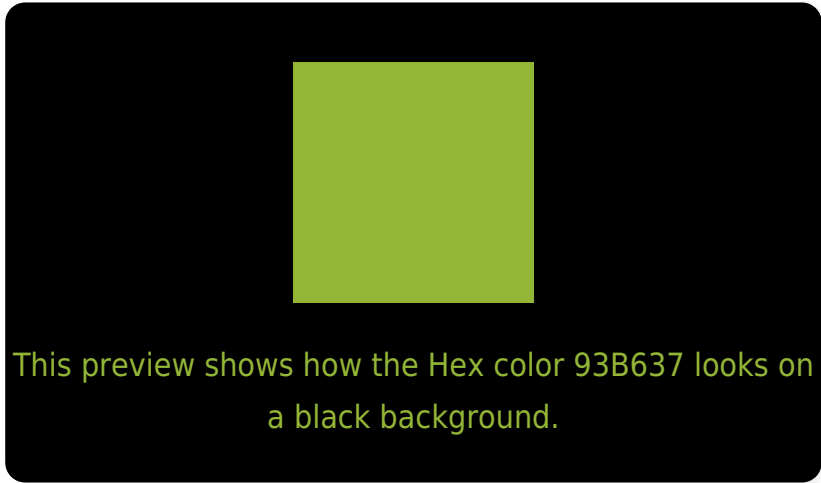
Large Text (above 18pt) WCAG AA × Fail

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 93B637 Background



This preview shows how black text looks on a background with the Hex color 93B637.



This preview shows how white text looks on a background with the Hex color 93B637.

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
93B637

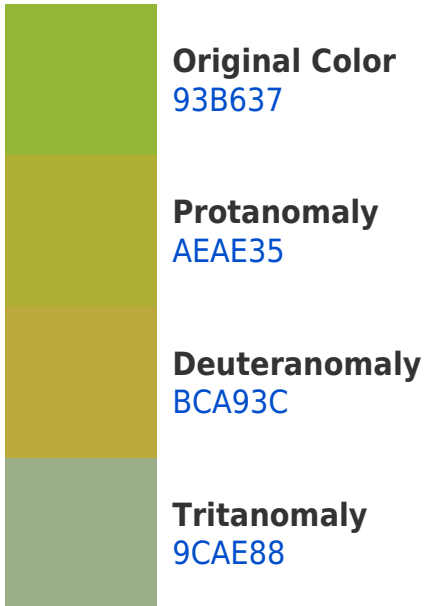
Protanopia
BDA934

Deuteranopia
D3A13F



Tritanopia
A1AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B637 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 #93B637 looks like.

```
.text, #text, p{  
    color:#93B637  
}
```

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 #93B637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B637
}
```

Border

The CSS property to change the border of an element to Hex 93B637 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
#93B637 }
```

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

```
.border{ border-color:#93B637 }
```

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

Here you see how a box with a 4 pixel #93B637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B637; -webkit-box-shadow:4px 4px  
4px 4px #93B637; box-shadow:4px 4px 4px  
4px #93B637 }
```

Background

The CSS property to change the background color of an element to Hex 93B637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B637 }
```

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

```
.background{ background-color:#93B637 }
```

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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