

Converting Colors

Hex(93B238)

Have a look what the booklet for
Hex(93B238) contains.

Hex(93B238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93B238)

Conversions

Conversions Part 1

Format	Color
Hex	93B238
RGB	147, 178, 56
RGB Percent	58%, 70%, 22%
CMY	0.4235, 0.3020, 0.7804
CMYK	0.17, 0.00, 0.69, 0.30
HSL	75°, 52%, 46%
HSV	75°, 69%, 70%
XYZ	28.6668, 38.3294, 9.6288
YIQ	154.8230, 20.6860, -44.5140

Conversions

Conversions Part 2

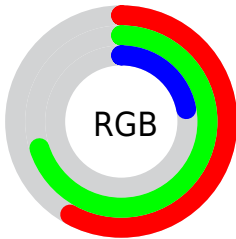
Format	Color
RYB	56, 178, 87
Decimal	9679416
CIELab	68.26, -27.89, 56.18
CIElCh	68, 62.717, 116.402
Yxy	38.3294, 0.3741, 0.5002
Android (android.graphics.Color)	4287869496 (0xFF93B238)
YUV	154.8230, -48.7197, -6.8608
Hunter-Lab	61.9107, -25.6920, 34.1163

Details

The Hex color **93B238** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5738B2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CCEA6E**, and **5D7D00** is the 20% darker color. If you saturate the color by 10%, you get **8EB226**, and if you desaturate by 10%, it is **98B24A**.

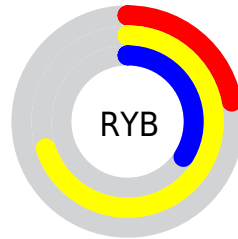
Distribution



Red (58%)

Green (70%)

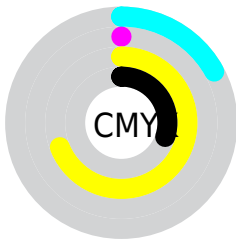
Blue (22%)



Red (22%)

Yellow (70%)

Blue (34%)

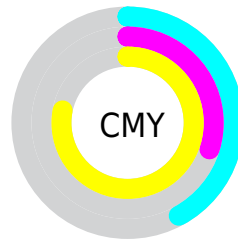


Cyan (17%)

Magenta (0%)

Yellow (69%)

Black (30%)



Cyan (42%)

Magenta (30%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B238 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 93B238 by changing the saturation by 10% instead.



93B238



93B238

FFFFFF



78971A



CCEA6E



5D7D00



E9FF89



426400



FFFFA4



284C00



FFFFC0



093500



FFFFDD



002100



FFFFFA



000000



93B238



93B238



8EB226



98B24A

 8AB214

 9CB25C

 85B203

 A1B26D

 85B200

 A5B27F

 AAB291

 AEB2A3

 B3B2B5

 B7B2C6

 BCB2D8

Harmonies

Analogous

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



CAA12B



93B238



45BC65

Triad

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



93B238



00BCFF



FF72B0

Complementary

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



93B238



5738B2

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.



E582E6



93B238



00AFFF

Square

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



93B238



00C1D7



9B9AFF



FF7777

Rectangle

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



93B238



00C08A



9B9AFF



FF76C3

Sweetspot

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



93B238



DCE8B7



B25738



6E7558



F5F5F5



757575

Same Dimension

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



93B238



B8E82A



57B238



575950



729900



131A00

Inverse Universe

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



5738B2



5A2AE8



9338B2



535059



270099



06001A

Previews

White Background



This preview shows how the Hex color 93B238 looks on a white background.

Color Contrast Check

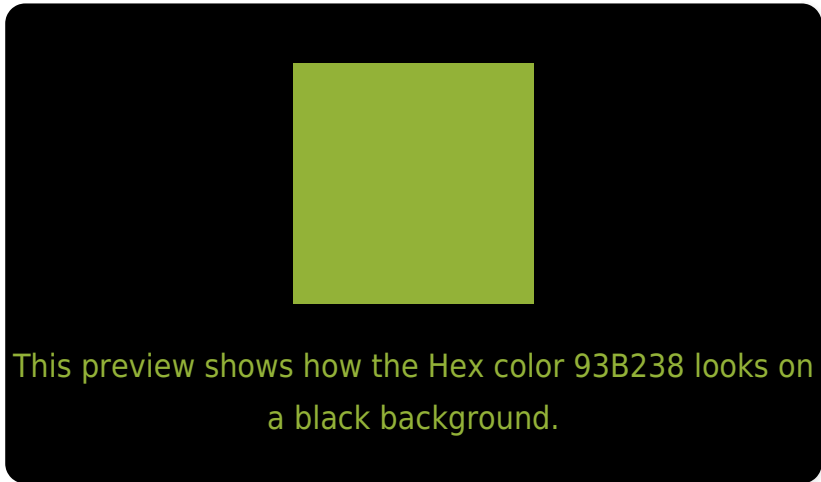
Large Text (above 18pt) WCAG AA × Fail

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 93B238 Background



This preview shows how black text looks on a background with the Hex color 93B238.



This preview shows how white text looks on a background with the Hex color 93B238.

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
93B238

Protanopia
BAA635

Deuteranopia
CF9E3F



Tritanopia
A1A6B3

Trichromacy



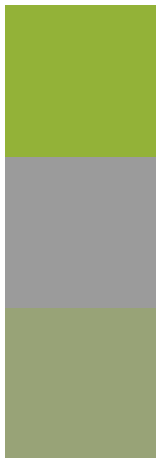
Original Color
93B238

Protanomaly
ACAA36

Deuteranomaly
B9A53C

Tritanomaly
9CAA86

Monochromacy



Original Color
93B238

Achromatopsia
9B9B9B

Achromatomaly
98A377

CSS Examples

Text

The CSS property to change the color of the text to Hex 93B238 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 #93B238 looks like.

```
.text, #text, p{  
    color:#93B238  
}
```

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 #93B238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B238
}
```

Border

The CSS property to change the border of an element to Hex 93B238 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
#93B238 }
```

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

```
.border{ border-color:#93B238 }
```

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

Here you see how a box with a 4 pixel #93B238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B238; -webkit-box-shadow:4px 4px  
4px 4px #93B238; box-shadow:4px 4px 4px  
4px #93B238 }
```

Background

The CSS property to change the background color of an element to Hex 93B238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B238 }
```

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

```
.background{ background-color:#93B238 }
```

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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