

Converting Colors

Hex(96AE38)

Have a look what the booklet for
Hex(96AE38) contains.

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Color

Hex(96AE38)

Conversions

Conversions Part 1

Format	Color
Hex	96AE38
RGB	150, 174, 56
RGB Percent	59%, 68%, 22%
CMY	0.4118, 0.3176, 0.7804
CMYK	0.14, 0.00, 0.68, 0.32
HSL	72°, 51%, 45%
HSV	72°, 68%, 68%
XYZ	28.4275, 37.0417, 9.3928
YIQ	153.3720, 23.5740, -41.7860

Conversions

Conversions Part 2

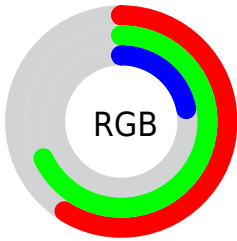
Format	Color
RYB	56, 174, 80
Decimal	9875000
CIELab	67.31, -24.71, 55.26
CIELCh	67, 60.537, 114.091
Yxy	37.0417, 0.3797, 0.4948
Android (android.graphics.Color)	4288065080 (0xFF96AE38)
YUV	153.3720, -48.0044, -2.9572
Hunter-Lab	60.8619, -23.1339, 33.4530

Details

The Hex color **96AE38** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5038AE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CFE56D**, and **607A00** is the 20% darker color. If you saturate the color by 10%, you get **92AE27**, and if you desaturate by 10%, it is **9AAE49**.

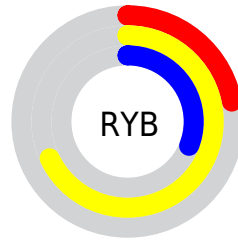
Distribution



Red (59%)

Green (68%)

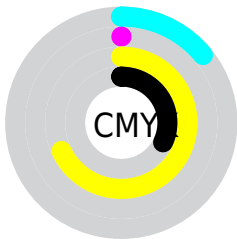
Blue (22%)



Red (22%)

Yellow (68%)

Blue (31%)

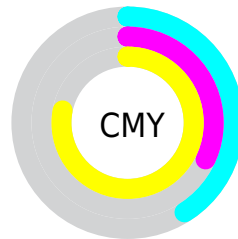


Cyan (14%)

Magenta (0%)

Yellow (68%)

Black (32%)



Cyan (41%)

Magenta (32%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96AE38 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 96AE38 by changing the saturation by 10% instead.

 96AE38

 96AE38

FFFFFF

 7B931B

 CFE56D

 607A00

 ECFF88

 456100

 FFFFA4

 2C4900

 FFFF00

 103200

 FFFFDC

 001F00

 FFFFFA

 000000

 96AE38

 96AE38

 92AE27

 9AAE49

■ 8FAE15

■ 9DAE5B

■ 8BAE04

■ A1AE6C

■ 8BAE00

■ A4AE7E

■ A8AE8F

■ ABAEA0

■ AFAEB2

■ B2AEC3

■ B6AED5

Harmonies

Analogous

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



CA9D2F



96AE38



50B961

Triad

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



96AE38



00B9FB



FF73B1

Complementary

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



96AE38



5038AE

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.



DC83E5



96AE38



00ADFF

Square

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



96AE38



00BECF



939AFF



FF767B

Rectangle

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



96AE38



00BC84



939AFF



F876C3

Sweetspot

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



96AE38



DAE3B6



AE5038



6D7357



F2F2F2



737373

Same Dimension

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



96AE38



BEE32B



5BAE38



55574E



789600



121700

Inverse Universe

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



5038AE



512BE3



8B38AE



504E57



1F0096



050017

Previews

White Background



This preview shows how the Hex color 96AE38 looks on a white background.

Color Contrast Check

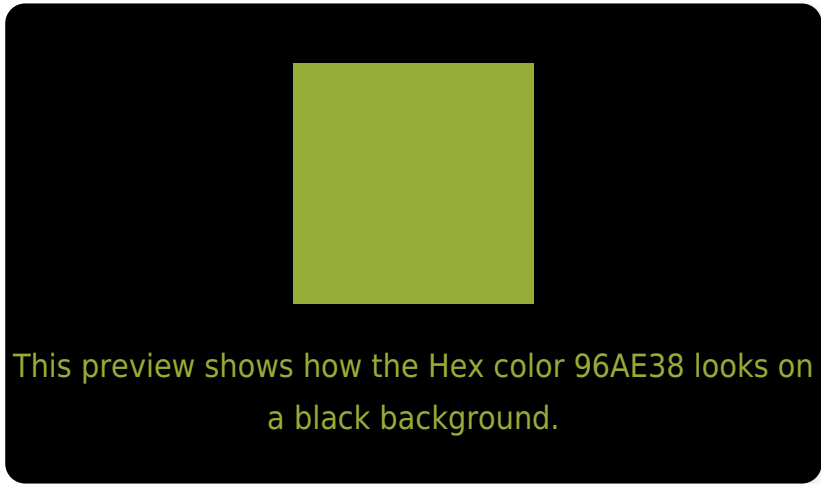
Large Text (above 18pt) WCAG AA × Fail

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 96AE38 Background



This preview shows how black text looks on a background with the Hex color 96AE38.



This preview shows how white text looks on a background with the Hex color 96AE38.

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
96AE38

Protanopia
B7A435

Deuteranopia
CC9B3E



Tritanopia
A3A3AF

Trichromacy



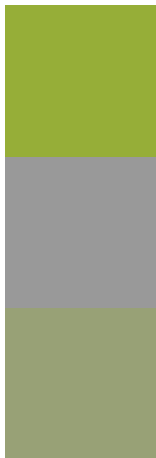
Original Color
96AE38

Protanomaly
ABA836

Deuteranomaly
B8A23C

Tritanomaly
9EA784

Monochromacy



Original Color
96AE38

Achromatopsia
999999

Achromatomaly
98A176

CSS Examples

Text

The CSS property to change the color of the text to Hex 96AE38 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 #96AE38 looks like.

```
.text, #text, p{  
    color:#96AE38  
}
```

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 #96AE38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AE38
}
```

Border

The CSS property to change the border of an element to Hex 96AE38 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
#96AE38 }
```

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

```
.border{ border-color:#96AE38 }
```

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

Here you see how a box with a 4 pixel #96AE38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AE38; -webkit-box-shadow:4px 4px  
4px 4px #96AE38; box-shadow:4px 4px 4px  
4px #96AE38 }
```

Background

The CSS property to change the background color of an element to Hex 96AE38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AE38 }
```

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

```
.background{ background-color:#96AE38 }
```

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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