

Converting Colors

Hex(9BB83A)

Have a look what the booklet for
Hex(9BB83A) contains.

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Color

Hex(9BB83A)

Conversions

Conversions Part 1

Format	Color
Hex	9BB83A
RGB	155, 184, 58
RGB Percent	61%, 72%, 23%
CMY	0.3922, 0.2784, 0.7725
CMYK	0.16, 0.00, 0.68, 0.28
HSL	74°, 52%, 47%
HSV	74°, 68%, 72%
XYZ	31.4218, 41.5550, 10.3678
YIQ	160.9650, 23.1620, -45.3340

Conversions

Conversions Part 2

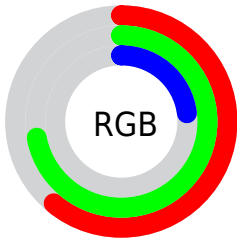
Format	Color
RYB	58, 184, 87
Decimal	10205242
CIELab	70.56, -27.39, 57.92
CIELCh	71, 64.068, 115.309
Yxy	41.5550, 0.3770, 0.4986
Android (android.graphics.Color)	4288395322 (0xFF9BB83A)
YUV	160.9650, -50.7617, -5.2313
Hunter-Lab	64.4632, -25.8030, 35.5884

Details

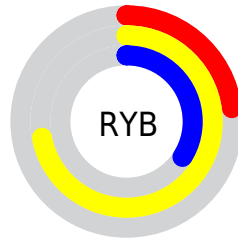
The Hex color **9BB83A** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **573AB8**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D4F070**, and **648300** is the 20% darker color. If you saturate the color by 10%, you get **97B828**, and if you desaturate by 10%, it is **9FB84C**.

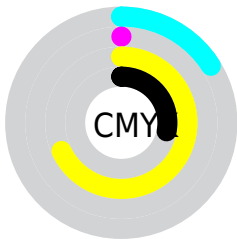
Distribution



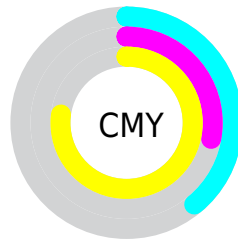
- Red (61%)
- Green (72%)
- Blue (23%)



- Red (23%)
- Yellow (72%)
- Blue (34%)



- Cyan (16%)
- Magenta (0%)
- Yellow (68%)
- Black (28%)



- Cyan (39%)
- Magenta (28%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BB83A 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 9BB83A by changing the saturation by 10% instead.



9BB83A



9BB83A

FFFFFF



7F9D1C



D4F070



648300



F1FF8B



496A00



FFFFA7



2F5100



FFFFC3



123A00



FFFFE0



002500

FFFFFFD



000400



000000



9BB83A



9BB83A

 97B828

 9FB84C

 93B815

 A3B85F

 8EB803

 A8B871

 8EB800

 ACB884

 B0B896

 B4B8A8

 B9B8BB

 BDB8CD

 C1B8E0

Harmonies

Analogous

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



D3A72E



9BB83A



4DC367

Triad

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



9BB83A



00C3FF



FF77B8

Complementary

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



9BB83A



573AB8

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.



EB88F0



9BB83A



00B6FF

Square

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



9BB83A



00C8DD



9EA1FF



FF7B7E

Rectangle

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



9BB83A



00C78D



9EA1FF



FF7BCC

Sweetspot

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



9BB83A



E4F0BD



B8553A



71785A



F7F7F7



787878

Same Dimension

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



9BB83A



C2F02B



5EB83A



5A5C53



789C00



161C00

Inverse Universe

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



573AB8



582BF0



943AB8



55535C



24009C



06001C

Previews

White Background



This preview shows how the Hex color 9BB83A looks on a white background.

Color Contrast Check

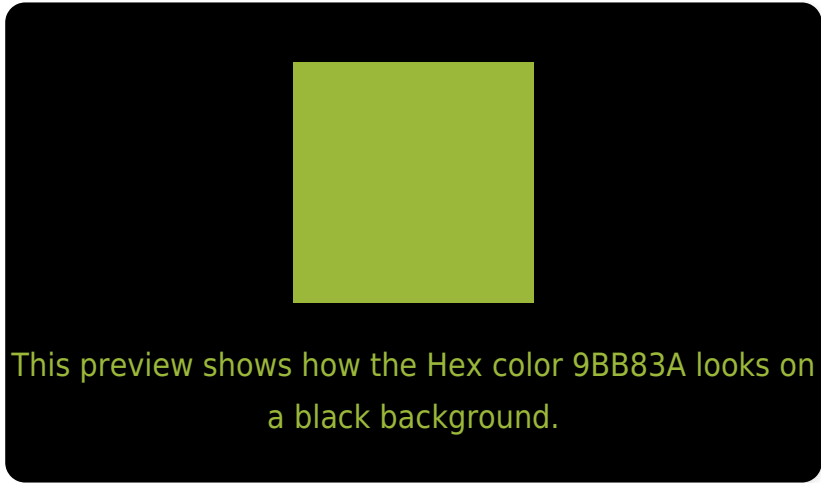
Large Text (above 18pt) WCAG AA × Fail

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 9BB83A Background



This preview shows how black text looks on a background with the Hex color 9BB83A.



This preview shows how white text looks on a background with the Hex color 9BB83A.

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

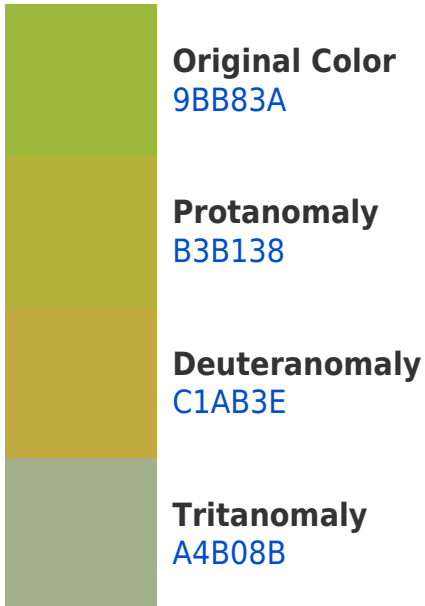


Original Color
9BB83A

Protanopia
C1AD37

Deuteranopia
D7A441

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BB83A 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 #9BB83A looks like.

```
.text, #text, p{  
    color:#9BB83A  
}
```

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 #9BB83A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB83A
}
```

Border

The CSS property to change the border of an element to Hex 9BB83A 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
#9BB83A }
```

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

```
.border{ border-color:#9BB83A }
```

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

Here you see how a box with a 4 pixel #9BB83A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB83A; -webkit-box-shadow:4px 4px  
4px 4px #9BB83A; box-shadow:4px 4px 4px  
4px #9BB83A }
```

Background

The CSS property to change the background color of an element to Hex 9BB83A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB83A }
```

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

```
.background{ background-color:#9BB83A }
```

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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