

Converting Colors

Hex(9BC434)

Have a look what the booklet for
Hex(9BC434) contains.

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Color

Hex(9BC434)

Conversions

Conversions Part 1

Format	Color
Hex	9BC434
RGB	155, 196, 52
RGB Percent	61%, 77%, 20%
CMY	0.3922, 0.2314, 0.7961
CMYK	0.21, 0.00, 0.73, 0.23
HSL	77°, 58%, 49%
HSV	77°, 73%, 77%
XYZ	33.8773, 46.6964, 10.4766
YIQ	167.3250, 21.7880, -53.4760

Conversions

Conversions Part 2

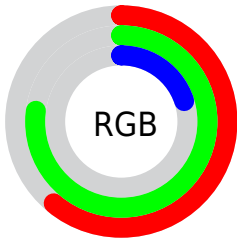
Format	Color
RYB	52, 196, 93
Decimal	10208308
CIELab	74.00, -33.40, 63.52
CIELCh	74, 71.764, 117.738
Yxy	46.6964, 0.3721, 0.5129
Android (android.graphics.Color)	4288398388 (0xFF9BC434)
YUV	167.3250, -56.8552, -10.8090
Hunter-Lab	68.3347, -31.0934, 38.7444

Details

The Hex color **9BC434** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **5D34C4**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D5FD6C**, and **638E00** is the 20% darker color. If you saturate the color by 10%, you get **95C420**, and if you desaturate by 10%, it is **A1C448**.

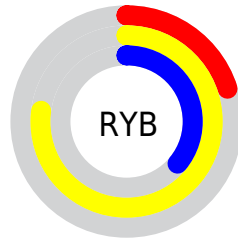
Distribution



Red (61%)

Green (77%)

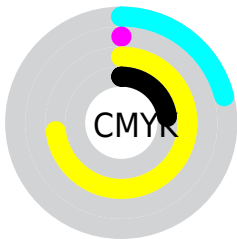
Blue (20%)



Red (20%)

Yellow (77%)

Blue (36%)

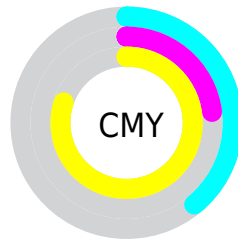


Cyan (21%)

Magenta (0%)

Yellow (73%)

Black (23%)



Cyan (39%)

Magenta (23%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BC434 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 9BC434 by changing the saturation by 10% instead.



9BC434



9BC434

FFFFFF



7FA910



D5FD6C



638E00



F2FF88



487400



FFFFA4



2D5B00



FFFFC0



0A4400



FFFFDD



002D00



FFFFFB



001700



000000



9BC434



9BC434

■ 95C420

■ A1C448

■ 90C40D

■ A6C45B

■ 8CC400

■ ACC46F

■ B1C482

■ B7C496

■ BCC4AA

■ C2C4BD

■ C8C4D1

■ CDC4E4

Harmonies

Analogous

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



DCB11F



9BC434



36CF6C

Triad

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



9BC434



00CEFF



FF77BE

Complementary

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



9BC434



5D34C4

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.



FF89FD



9BC434



00BFFF

Square

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



9BC434



00D5F1



ADA7FF



FF7E7D

Rectangle

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



9BC434



00D498



ADA7FF



FF7AD4

Sweetspot

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



9BC434



EFFFC7



C45D34



76805E



000000



808080

Same Dimension

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



9BC434



BFFF1F



53C434



5E6157



73A100



182100

Inverse Universe

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



5D34C4



5E1FFF



A534C4



5A5761



2E00A1



090021

Previews

White Background



This preview shows how the Hex color 9BC434 looks on a white background.

Color Contrast Check

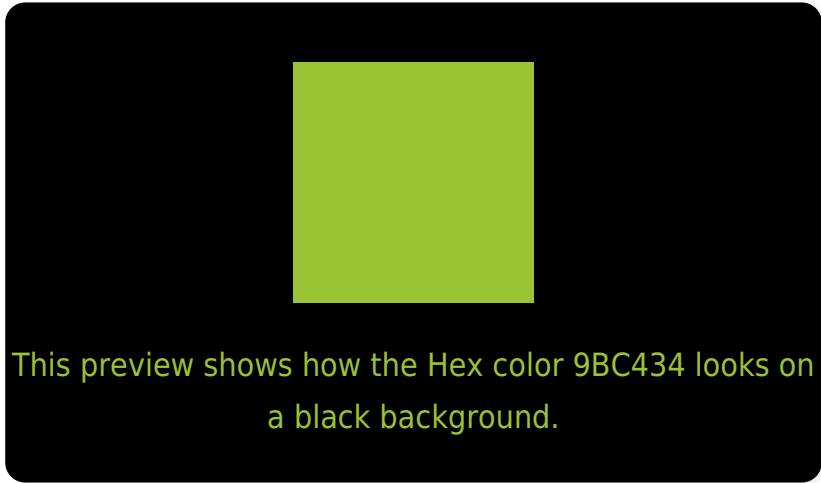
Large Text (above 18pt) WCAG AA × Fail

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 9BC434 Background



This preview shows how black text looks on a background with the Hex color 9BC434.

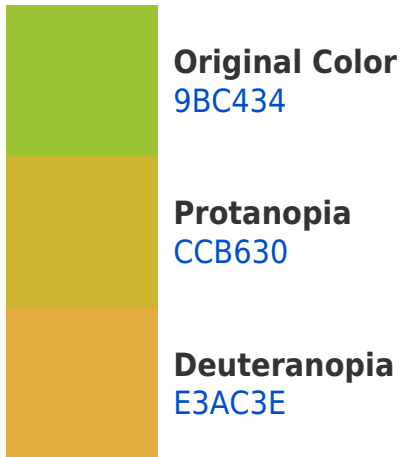


This preview shows how white text looks on a background with the Hex color 9BC434.

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



Trichromacy



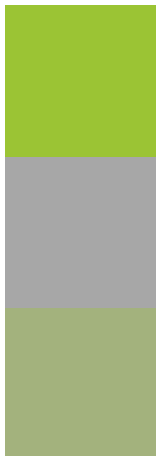
Original Color
9BC434

Protanomaly
BABB31

Deuteranomaly
C9B53A

Tritanomaly
A5BC90

Monochromacy



Original Color
9BC434

Achromatopsia
A7A7A7

Achromatomaly
A3B27D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BC434 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 #9BC434 looks like.

```
.text, #text, p{  
    color:#9BC434  
}
```

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 #9BC434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC434
}
```

Border

The CSS property to change the border of an element to Hex 9BC434 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
#9BC434 }
```

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

```
.border{ border-color:#9BC434 }
```

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

Here you see how a box with a 4 pixel #9BC434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC434; -webkit-box-shadow:4px 4px  
4px 4px #9BC434; box-shadow:4px 4px 4px  
4px #9BC434 }
```

Background

The CSS property to change the background color of an element to Hex 9BC434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC434 }
```

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

```
.background{ background-color:#9BC434 }
```

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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