

Converting Colors

Hex(9BDA32)

Have a look what the booklet for
Hex(9BDA32) contains.

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Color

Hex(9BDA32)

Conversions

Conversions Part 1

Format	Color
Hex	9BDA32
RGB	155, 218, 50
RGB Percent	61%, 85%, 20%
CMY	0.3922, 0.1451, 0.8039
CMYK	0.29, 0.00, 0.77, 0.15
HSL	82°, 69%, 53%
HSV	82°, 77%, 85%
XYZ	39.1647, 57.3417, 12.0215
YIQ	180.0110, 16.3800, -65.6040

Conversions

Conversions Part 2

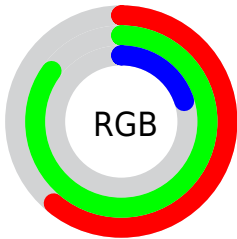
Format	Color
RYB	50, 218, 113
Decimal	10213938
CIELab	80.37, -43.33, 70.21
CIELCh	80, 82.503, 121.678
Yxy	57.3417, 0.3609, 0.5284
Android (android.graphics.Color)	4288404018 (0xFF9BDA32)
YUV	180.0110, -64.0954, -21.9346
Hunter-Lab	75.7243, -40.1970, 43.5945

Details

The Hex color **9BDA32** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle muted chartreuse. A complement of this color would be **7132DA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D6FF6D**, and **62A300** is the 20% darker color. If you saturate the color by 10%, you get **93DA1C**, and if you desaturate by 10%, it is **A3DA48**.

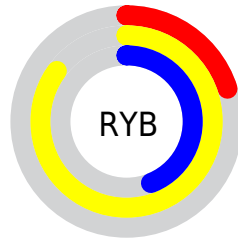
Distribution



Red (61%)

Green (85%)

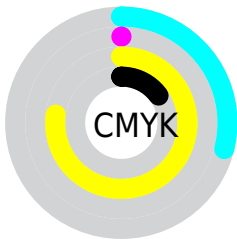
Blue (20%)



Red (20%)

Yellow (85%)

Blue (44%)

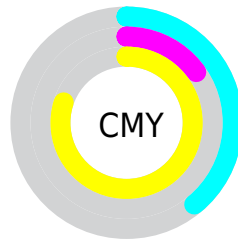


Cyan (29%)

Magenta (0%)

Yellow (77%)

Black (15%)



Cyan (39%)

Magenta (15%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BDA32 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 9BDA32 by changing the saturation by 10% instead.

 9BDA32

 9BDA32

FFFFFF

 7EBE03

 D6FF6D

 62A300

 F3FF8A

 458800

 FFFFA6

 266E00

 FFFF C3

 005500

 FFFF E0

 003D00

FFFFFFE

 002900

 000300

 000000

 9BDA32

 9BDA32

 93DA1C

 A3DA48

 8BDA06

 ABDA5E

 88DA00

 B4DA73

 BCDA89

 C4DA9F

 CCDAB5

 D4DACB

 DCDAE0

 E5DAF6

Harmonies

Analogous

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



E9C500



9BDA32



00E67A

Triad

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



9BDA32



00E2FF



FF79C6

Complementary

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



9BDA32



7132DA

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.



FF8DFF



9BDA32



00CFFF

Square

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



9BDA32



00EAFB



CCB1FF



FF877B

Rectangle

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



9BDA32



00EAAF



CCB1FF



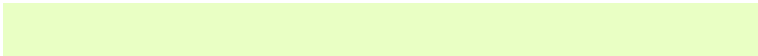
FF7CE0

Sweetspot

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



9BDA32



E9FFC4



DA7032



72805C



000000



808080

Same Dimension

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



9BDA32



A7FF14



48DA32



6A6E63



6CAD00



1D2E00

Inverse Universe

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



7132DA



6C14FF



C432DA



67636E



4100AD



11002E

Previews

White Background



This preview shows how the Hex color 9BDA32 looks on a white background.

Color Contrast Check

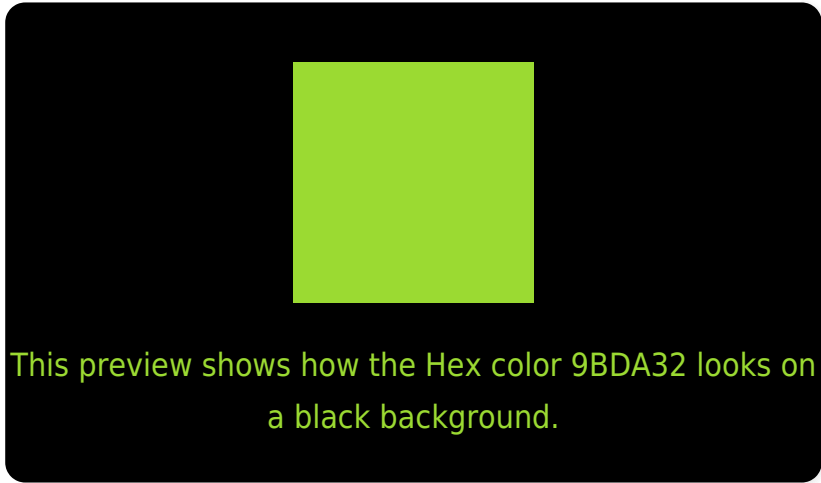
Large Text (above 18pt) WCAG AA × Fail

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 9BDA32 Background



This preview shows how black text looks on a background with the Hex color 9BDA32.

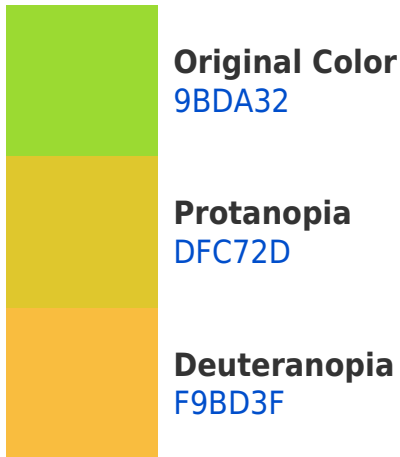


This preview shows how white text looks on a background with the Hex color 9BDA32.

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
9BDA32



Protanomaly
C6CE2F



Deuteranomaly
D7C83A

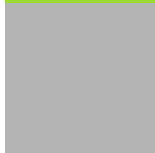


Tritanomaly
A8D09E

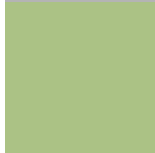
Monochromacy



Original Color
9BDA32



Achromatopsia
B4B4B4



Achromatomaly
ABC285

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BDA32 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 #9BDA32 looks like.

```
.text, #text, p{  
    color:#9BDA32  
}
```

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 #9BDA32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDA32
}
```

Border

The CSS property to change the border of an element to Hex 9BDA32 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
#9BDA32 }
```

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

```
.border{ border-color:#9BDA32 }
```

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

Here you see how a box with a 4 pixel #9BDA32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDA32; -webkit-box-shadow:4px 4px  
4px 4px #9BDA32; box-shadow:4px 4px 4px  
4px #9BDA32 }
```

Background

The CSS property to change the background color of an element to Hex 9BDA32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDA32 }
```

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

```
.background{ background-color:#9BDA32 }
```

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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