

Converting Colors

Hex(9BD52A)

Have a look what the booklet for
Hex(9BD52A) contains.

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Color

Hex(9BD52A)

Conversions

Conversions Part 1

Format	Color
Hex	9BD52A
RGB	155, 213, 42
RGB Percent	61%, 84%, 16%
CMY	0.3922, 0.1647, 0.8353
CMYK	0.27, 0.00, 0.80, 0.16
HSL	80°, 67%, 50%
HSV	80°, 80%, 84%
XYZ	37.7297, 54.7242, 10.7648
YIQ	176.1640, 20.3230, -65.4770

Conversions

Conversions Part 2

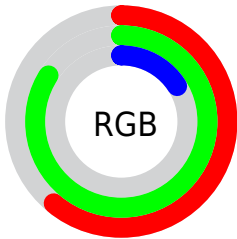
Format	Color
RYB	42, 213, 100
Decimal	10212650
CIELab	78.88, -41.51, 71.11
CIELCh	79, 82.338, 120.272
Yxy	54.7242, 0.3655, 0.5302
Android (android.graphics.Color)	4288402730 (0xFF9BD52A)
YUV	176.1640, -66.1429, -18.5608
Hunter-Lab	73.9758, -38.4177, 43.1554

Details

The Hex color **9BD52A** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **642AD5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D5FF67**, and **629E00** is the 20% darker color. If you saturate the color by 10%, you get **94D515**, and if you desaturate by 10%, it is **A2D53F**.

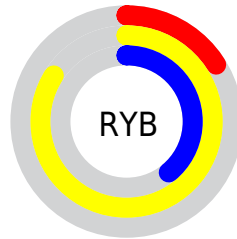
Distribution



Red (61%)

Green (84%)

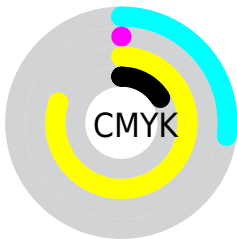
Blue (16%)



Red (16%)

Yellow (84%)

Blue (39%)

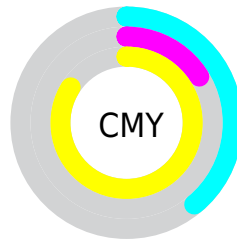


Cyan (27%)

Magenta (0%)

Yellow (80%)

Black (16%)



Cyan (39%)

Magenta (16%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD52A 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 9BD52A by changing the saturation by 10% instead.



9BD52A



9BD52A

FFFFFF



7EB900



D5FF67



629E00



F3FF83



458400



FFFFA0



276A00



FFFFBD



005100



FFFFDA



003900



FFFFF8



002500



000000



9BD52A



9BD52A

■ 94D515

■ A2D53F

■ 8DD500

■ A9D555

■ B1D56A

■ B8D57F

■ BFD595

■ C6D5AA

■ CED5BF

■ D5D5D4

■ DCD5EA

Harmonies

Analogous

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



E8C000



9BD52A



00E173

Triad

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



9BD52A



00DEFF



FF75C6

Complementary

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



9BD52A



642AD5

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.



FF8BFF



9BD52A



00CCFF

Square

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



9BD52A



00E6FF



C1AFFF



FF827B

Rectangle

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



9BD52A



00E5A7



C1AFFF



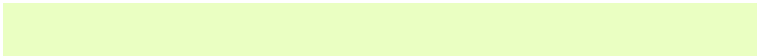
FF79E0

Sweetspot

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



9BD52A



EAFFC2



D5632A



73805B



000000



808080

Same Dimension

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



9BD52A



ACFF0A



46D52A



676B60



71AB00



1D2B00

Inverse Universe

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



642AD5



5D0AFF



B92AD5



64606B



3A00AB



0F002B

Previews

White Background



This preview shows how the Hex color 9BD52A looks on a white background.

Color Contrast Check

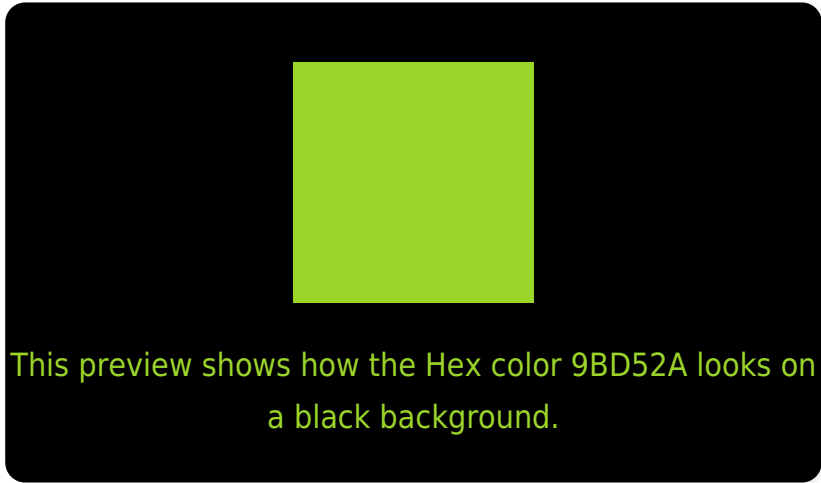
Large Text (above 18pt) WCAG AA × Fail

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 9BD52A Background



This preview shows how black text looks on a background with the Hex color 9BD52A.

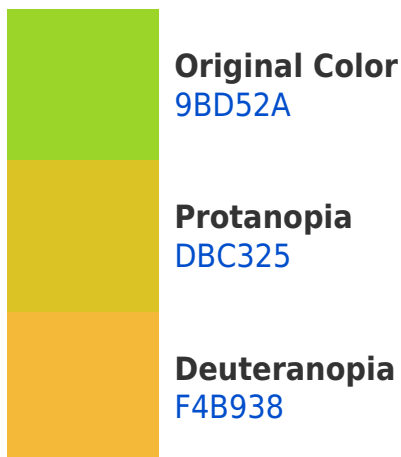


This preview shows how white text looks on a background with the Hex color 9BD52A.

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
9BD52A



Protanomaly
C4CA27



Deuteranomaly
D4C333

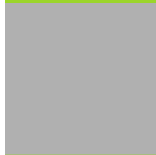


Tritanomaly
A7CB97

Monochromacy



Original Color
9BD52A



Achromatopsia
B0B0B0



Achromatomaly
A8BD7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD52A 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 #9BD52A looks like.

```
.text, #text, p{  
    color:#9BD52A  
}
```

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 #9BD52A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD52A
}
```

Border

The CSS property to change the border of an element to Hex 9BD52A 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
#9BD52A }
```

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

```
.border{ border-color:#9BD52A }
```

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

Here you see how a box with a 4 pixel #9BD52A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD52A; -webkit-box-shadow:4px 4px  
4px 4px #9BD52A; box-shadow:4px 4px 4px  
4px #9BD52A }
```

Background

The CSS property to change the background color of an element to Hex 9BD52A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD52A }
```

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

```
.background{ background-color:#9BD52A }
```

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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