

Converting Colors

Hex(9BD446)

Have a look what the booklet for
Hex(9BD446) contains.

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Color

Hex(9BD446)

Conversions

Conversions Part 1

Format	Color
Hex	9BD446
RGB	155, 212, 70
RGB Percent	61%, 83%, 27%
CMY	0.3922, 0.1686, 0.7255
CMYK	0.27, 0.00, 0.67, 0.17
HSL	84°, 62%, 55%
HSV	84°, 67%, 83%
XYZ	38.1665, 54.4977, 14.3019
YIQ	178.7690, 11.6100, -56.2460

Conversions

Conversions Part 2

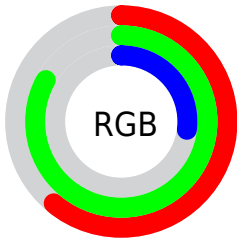
Format	Color
RYB	70, 212, 127
Decimal	10212422
CIELab	78.75, -39.53, 61.70
CIELCh	79, 73.275, 122.648
Yxy	54.4977, 0.3568, 0.5095
Android (android.graphics.Color)	4288402502 (0xFF9BD446)
YUV	178.7690, -53.6231, -20.8454
Hunter-Lab	73.8226, -36.9043, 40.1894

Details

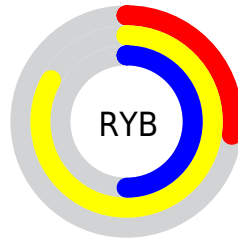
The Hex color **9BD446** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **7F46D4**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D5FF7D**, and **639D00** is the 20% darker color. If you saturate the color by 10%, you get **92D431**, and if you desaturate by 10%, it is **A4D45B**.

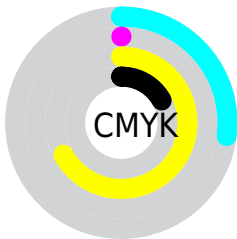
Distribution



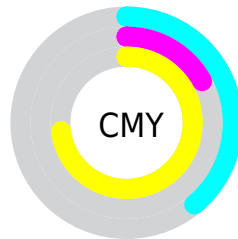
- Red (61%)
- Green (83%)
- Blue (27%)



- Red (27%)
- Yellow (83%)
- Blue (50%)



- Cyan (27%)
- Magenta (0%)
- Yellow (67%)
- Black (17%)



- Cyan (39%)
- Magenta (17%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD446 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 9BD446 by changing the saturation by 10% instead.



9BD446



9BD446

FFFFFF



7FB828



D5FF7D



639D00



F2FF99



478300



FFFFB5



2A6900



FFFFD2



025000



FFFFEF



003900



002500



000000



9BD446



9BD446

 92D431

 A4D45B

 8AD41C

 ACD470

 81D406

 B5D486

 7FD400

 BDD49B

 C6D4B0

 CED4C5

 D7D4DA

 DFD4F0

 E8D4FF

Harmonies

Analogous

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



E1C229



9BD446



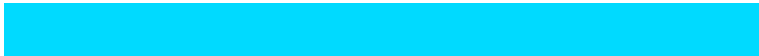
1CDF81

Triad

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



9BD446



00DAFF



FF82C0

Complementary

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



9BD446



7F46D4

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.



FF91FF



9BD446



00C9FF

Square

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



9BD446



00E2FF



CCA EFF



FF8D7D

Rectangle

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



9BD446



00E2AF



CCA EFF



FF84D7

Sweetspot

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



9BD446



EBFFCC



D47F46



738061



000000



808080

Same Dimension

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



9BD446



ADFF33



54D446



676B60



66AB00



1A2B00

Inverse Universe

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



7F46D4



8533FF



C646D4



65606B



4500AB



11002B

Previews

White Background



This preview shows how the Hex color 9BD446 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



This preview shows how the Hex color 9BD446 looks on a 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 9BD446 Background



This preview shows how black text looks on a background with the Hex color 9BD446.

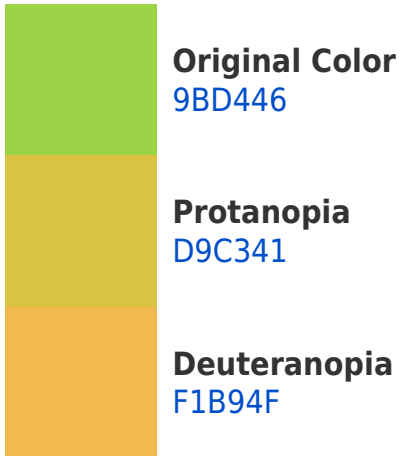


This preview shows how white text looks on a background with the Hex color 9BD446.

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
9BD446



Protanomaly
C2C943



Deuteranomaly
D2C34C

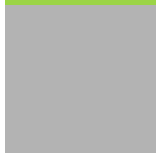


Tritanomaly
A6CBA2

Monochromacy



Original Color
9BD446



Achromatopsia
B3B3B3



Achromatomaly
AABF8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD446 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 #9BD446 looks like.

```
.text, #text, p{  
    color:#9BD446  
}
```

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 #9BD446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD446
}
```

Border

The CSS property to change the border of an element to Hex 9BD446 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
#9BD446 }
```

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

```
.border{ border-color:#9BD446 }
```

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

Here you see how a box with a 4 pixel #9BD446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD446; -webkit-box-shadow:4px 4px  
4px 4px #9BD446; box-shadow:4px 4px 4px  
4px #9BD446 }
```

Background

The CSS property to change the background color of an element to Hex 9BD446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD446 }
```

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

```
.background{ background-color:#9BD446 }
```

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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