

Converting Colors

Hex(9BD700)

Have a look what the booklet for
Hex(9BD700) contains.

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Color

Hex(9BD700)

Conversions

Conversions Part 1

Format	Color
Hex	9BD700
RGB	155, 215, 0
RGB Percent	61%, 84%, 0%
CMY	0.3922, 0.1569, 1.0000
CMYK	0.28, 0.00, 1.00, 0.16
HSL	77°, 100%, 42%
HSV	77°, 100%, 84%
XYZ	37.8180, 55.5694, 8.7328
YIQ	172.5500, 33.2550, -79.5850

Conversions

Conversions Part 2

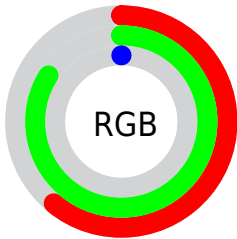
Format	Color
RYB	0, 215, 60
Decimal	10213120
CIELab	79.37, -43.32, 78.18
CIELCh	79, 89.376, 118.990
Yxy	55.5694, 0.3703, 0.5442
Android (android.graphics.Color)	4288403200 (0xFF9BD700)
YUV	172.5500, -85.0671, -15.3914
Hunter-Lab	74.5449, -39.8973, 45.2358

Details

The Hex color **9BD700** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **3C00D7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D6FF56**, and **61A000** is the 20% darker color. If you saturate the color by 10%, you get **9BD700**, and if you desaturate by 10%, it is **A1D715**.

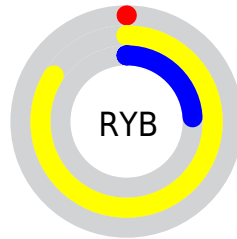
Distribution



Red (61%)

Green (84%)

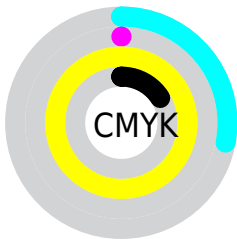
Blue (0%)



Red (0%)

Yellow (84%)

Blue (24%)

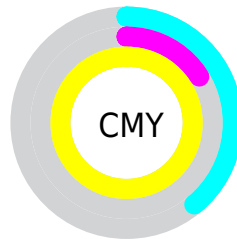


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (39%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD700 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 9BD700 by changing the saturation by 10% instead.

 9BD700

 9BD700

FFFFFF

 7EBB00

 D6FF56

 61A000

 F4FF73

 438500

 FFFF90

 236C00

 FFFFAD

 005300

 FFFF90

 003B00

 FFFF90

 002600

 000000

 9BD700

 A1D715

 A7D72B

 ADD741

 B3D756

 B9D76C

 BFD781

 C5D797

 CBD7AC

 D1D7C2

Harmonies

Analogous

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



EDC000



9BD700



00E469

Triad

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



9BD700



00E2FF



FF6ACB

Complementary

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



9BD700



3C00D7

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.



FF87FF



9BD700



00D0FF

Square

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



9BD700



00EAFB



BAB0FF



FF7979

Rectangle

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



9BD700



00E9A2



BAB0FF



FF70E7

Sweetspot

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



9BD700



EAFFB3



D73900



738052



000000



808080

Same Dimension

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



9BD700



B8FF00



32D700



686B60



7BAB00



1F2B00

Inverse Universe

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



3C00D7



4700FF



A500D7



63606B



3000AB



0C002B

Previews

White Background



This preview shows how the Hex color 9BD700 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 9BD700 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 9BD700 Background



This preview shows how black text looks on a background with the Hex color 9BD700.



This preview shows how white text looks on a background with the Hex color 9BD700.

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
9BD700

Protanopia
DDC400

Deuteranopia
F7BA28



Tritanopia
AFC8D8

Trichromacy



Original Color
9BD700



Protanomaly
C5CB00



Deuteranomaly
D6C519



Tritanomaly
A8CD89

Monochromacy



Original Color
9BD700



Achromatopsia
ADADAD



Achromatomaly
A6BC6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD700 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 #9BD700 looks like.

```
.text, #text, p{  
    color:#9BD700  
}
```

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 #9BD700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD700
}
```

Border

The CSS property to change the border of an element to Hex 9BD700 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
#9BD700 }
```

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

```
.border{ border-color:#9BD700 }
```

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

Here you see how a box with a 4 pixel #9BD700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD700; -webkit-box-shadow:4px 4px  
4px 4px #9BD700; box-shadow:4px 4px 4px  
4px #9BD700 }
```

Background

The CSS property to change the background color of an element to Hex 9BD700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD700 }
```

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

```
.background{ background-color:#9BD700 }
```

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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