

# Converting Colors

Hex(9DBD0D)

Have a look what the booklet for  
Hex(9DBD0D) contains.

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**Color**

**Hex(9DBD0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DBD0D
RGB	157, 189, 13
RGB Percent	62%, 74%, 5%
CMY	0.3843, 0.2588, 0.9490
CMYK	0.17, 0.00, 0.93, 0.26
HSL	71°, 87%, 40%
HSV	71°, 93%, 74%
XYZ	32.1749, 43.5923, 7.0991
YIQ	159.3680, 37.4240, -61.5200

# Conversions

## Conversions Part 2

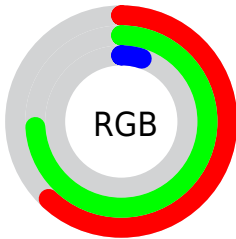
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 189, 45
Decimal	10337549
CIELab	71.96, -30.65, 71.15
CIELCh	72, 77.471, 113.305
Yxy	43.5923, 0.3883, 0.5261
Android (android.graphics.Color)	4288527629 (0xFF9DBD0D)
YUV	159.3680, -72.1594, -2.0767
Hunter-Lab	66.0245, -28.5568, 39.8421

# Details

The Hex color **9DBD0D** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **2D0DBD**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D7F554**, and **658800** is the 20% darker color. If you saturate the color by 10%, you get **9BBD00**, and if you desaturate by 10%, it is **A0BD20**.

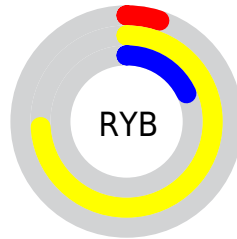
# Distribution



Red (62%)

Green (74%)

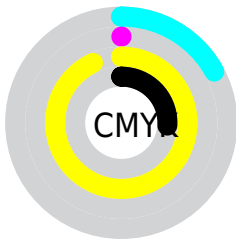
Blue (5%)



Red (5%)

Yellow (74%)

Blue (18%)

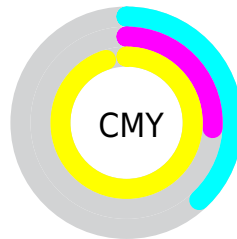


Cyan (17%)

Magenta (0%)

Yellow (93%)

Black (26%)



Cyan (38%)

Magenta (26%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DBD0D 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 9DBD0D by changing the saturation by 10% instead.



 9DBD0D

 9DBD0D

FFFFFF

 81A200

 D7F554

 658800

 F5FF71

 496E00

 FFFF8D

 2D5600

 FFFFA9


 0D3E00

 FFFFC6

 002800

 FFFFE4

 000D00

 000000

 9DBD0D

 9DBD0D

■ 9BBD00

■ A0BD20

■ A4BD33

■ A7BD46

■ ABBD59

■ AEBD6C

■ B2BD7E

■ B5BD91

■ B8BDA4

■ BCBDB7

# Harmonies

## Analogous

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



E0A800



9DBD0D



35CA56

# Triad

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



9DBD0D



00CCFF



FF69C3

# Complementary

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



9DBD0D



2D0DBD

# 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.



F683FF



9DBD0D



00BDFF

# Square

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



9DBD0D



00D1E6



8FA4FF



FF6E7D

# Rectangle

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



9DBD0D



00CF85



8FA4FF



FF70DB



# Sweetspot

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



9DBD0D



E8F5B0



BD2A0D



737A51



FAFAFA



7A7A7A



# Same Dimension

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



9DBD0D



C8F500



48BD0D



5D5E55



819E00



191F00



# Inverse Universe

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



2D0DBD



2D00F5



820DBD



57555E



1D009E



06001F



# Previews

## White Background



This preview shows how the Hex color 9DBD0D looks on a white background.

## Color Contrast Check

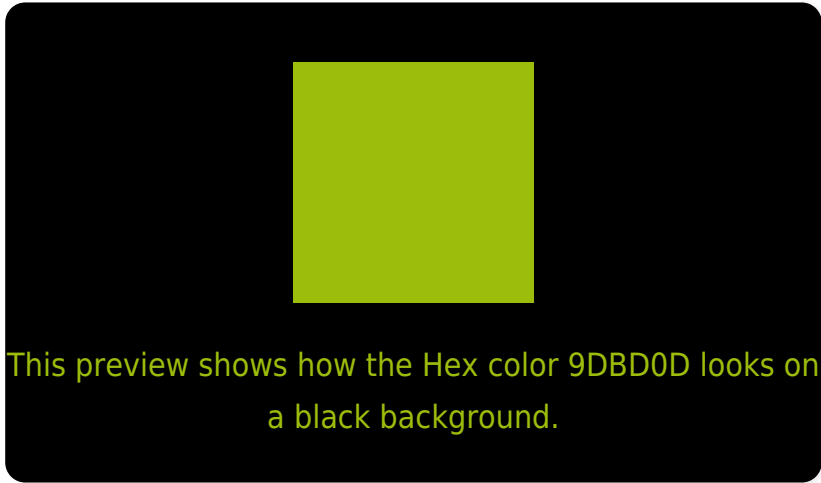
Large Text (above 18pt) WCAG AA × Fail

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 9DBD0D Background



This preview shows how black text looks on a background with the Hex color 9DBD0D.



This preview shows how white text looks on a background with the Hex color 9DBD0D.

# 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



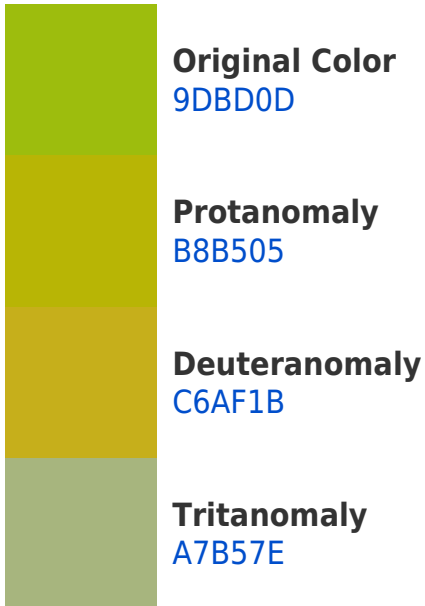
**Original Color**  
9DBD0D

**Protanopia**  
C7B000

**Deuteranopia**  
DEA723



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DBD0D 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 #9DBD0D looks like.

```
.text, #text, p{  
    color:#9DBD0D  
}
```

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 #9DBD0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DBD0D
}
```

## Border

The CSS property to change the border of an element to Hex 9DBD0D 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
#9DBD0D }
```

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

```
.border{ border-color:#9DBD0D }
```

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

Here you see how a box with a 4 pixel #9DBD0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DBD0D; -webkit-box-shadow:4px 4px  
4px 4px #9DBD0D; box-shadow:4px 4px 4px  
4px #9DBD0D }
```

# Background

The CSS property to change the background color of an element to Hex 9DBD0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DBD0D }
```

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

```
.background{ background-color:#9DBD0D }
```

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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