

Converting Colors

Hex(B9D00D)

Have a look what the booklet for
Hex(B9D00D) contains.

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Color

Hex(B9D00D)

Conversions

Conversions Part 1

Format	Color
Hex	B9D00D
RGB	185, 208, 13
RGB Percent	73%, 82%, 5%
CMY	0.2745, 0.1843, 0.9490
CMYK	0.11, 0.00, 0.94, 0.18
HSL	67°, 88%, 43%
HSV	67°, 94%, 82%
XYZ	42.6361, 55.4551, 8.8375
YIQ	178.8930, 48.8870, -65.5210

Conversions

Conversions Part 2

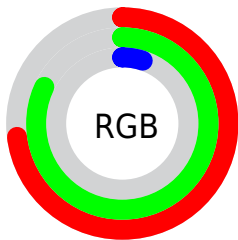
Format	Color
RYB	13, 208, 36
Decimal	12177421
CIELab	79.30, -28.04, 77.72
CIElCh	79, 82.623, 109.836
Yxy	55.4551, 0.3987, 0.5186
Android (android.graphics.Color)	4290367501 (0xFFB9D00D)
YUV	178.8930, -81.7852, 5.3558
Hunter-Lab	74.4682, -28.1207, 45.0915

Details

The Hex color **B9D00D** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **240DD0**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **F5FF58**, and **7F9A00** is the 20% darker color. If you saturate the color by 10%, you get **B7D000**, and if you desaturate by 10%, it is **BBD022**.

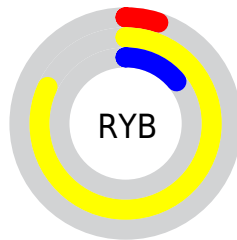
Distribution



Red (73%)

Green (82%)

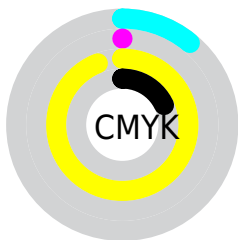
Blue (5%)



Red (5%)

Yellow (82%)

Blue (14%)

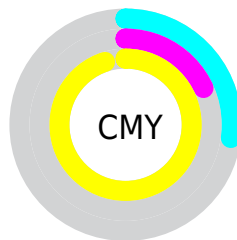


Cyan (11%)

Magenta (0%)

Yellow (94%)

Black (18%)



Cyan (27%)

Magenta (18%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9D00D 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 B9D00D by changing the saturation by 10% instead.

 B9D00D

 B9D00D

FFFFFF

 9CB400

 F5FF58

 7F9A00

 FFFF76

 638000

 FFFF93

 476700

 FFFFB0

 2B4F00

 FFFFCD

 0C3700

 FFFFEA

 002300

 000000

 B9D00D

 B9D00D

 B7D000

 BBD022

 BED037

 C0D04B

 C3D060

 C5D075

 C8D08A

 CAD09F

 CDD0B3

 CFD0C8

Harmonies

Analogous

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



FFB806



B9D00D



55DF5A

Triad

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



B9D00D



00E3FF



FF7AE2

Complementary

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



B9D00D



240DD0

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.



FF98FF



B9D00D



00D5FF

Square

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



B9D00D



00E8F7



8DBBFF



FF7A95

Rectangle

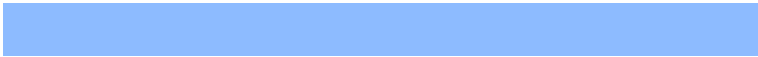
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B9D00D



00E58C



8DBBFF



FF82FB

Sweetspot

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



B9D00D



F7FFB8



D0240D



7A8054



000000



808080

Same Dimension

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



B9D00D



E1FF00



58D00D



67695E



94A800



242900

Inverse Universe

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



240DD0



1E00FF



850DD0



5F5E69



1400A8



050029

Previews

White Background



This preview shows how the Hex color B9D00D looks on a white background.

Color Contrast Check

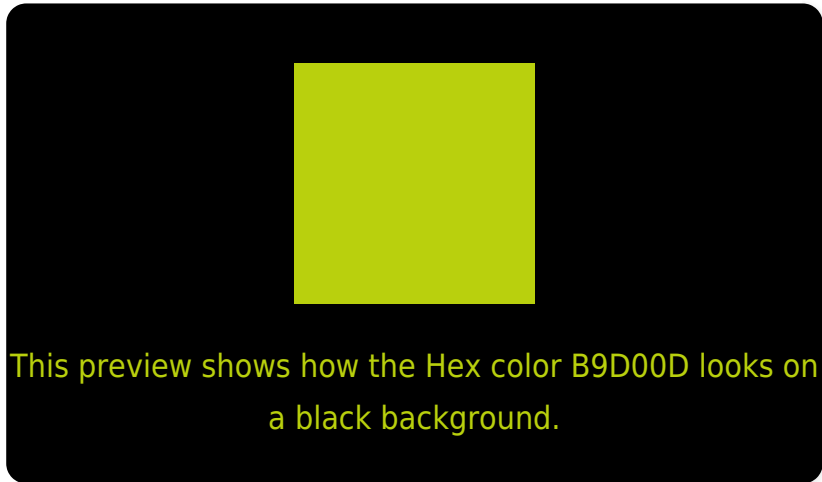
Large Text (above 18pt) WCAG AA × Fail

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 B9D00D Background



This preview shows how black text looks on a background with the Hex color B9D00D.

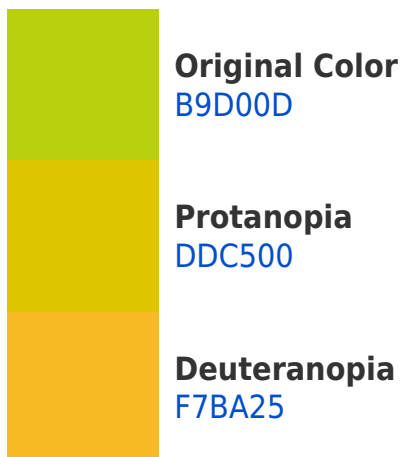


This preview shows how white text looks on a background with the Hex color B9D00D.

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](#).

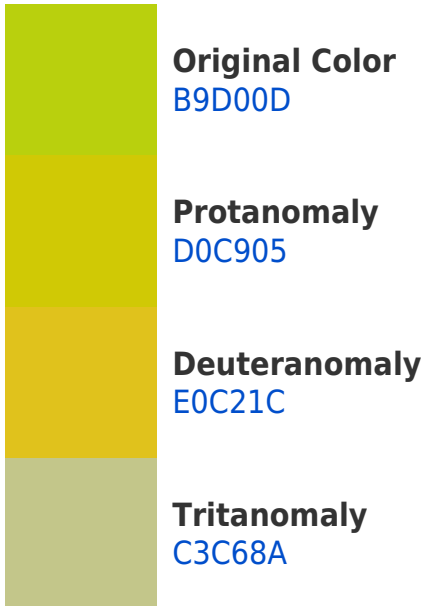
Dichromacy



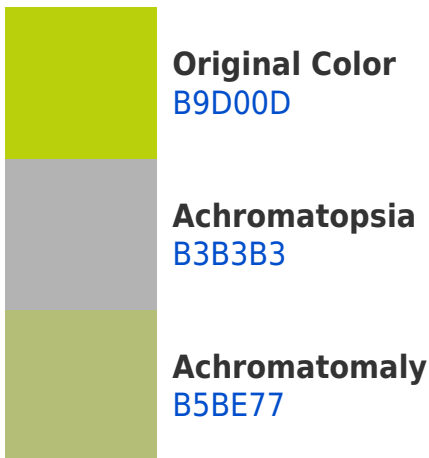


Tritanopia
C9C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9D00D 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 #B9D00D looks like.

```
.text, #text, p{  
    color:#B9D00D  
}
```

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 #B9D00D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D00D
}
```

Border

The CSS property to change the border of an element to Hex B9D00D 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
#B9D00D }
```

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

```
.border{ border-color:#B9D00D }
```

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

Here you see how a box with a 4 pixel #B9D00D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D00D; -webkit-box-shadow:4px 4px  
4px 4px #B9D00D; box-shadow:4px 4px 4px  
4px #B9D00D }
```

Background

The CSS property to change the background color of an element to Hex B9D00D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D00D }
```

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

```
.background{ background-color:#B9D00D }
```

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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