

Converting Colors

Hex(B9D422)

Have a look what the booklet for
Hex(B9D422) contains.

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Color

Hex(B9D422)

Conversions

Conversions Part 1

Format	Color
Hex	B9D422
RGB	185, 212, 34
RGB Percent	73%, 83%, 13%
CMY	0.2745, 0.1686, 0.8667
CMYK	0.13, 0.00, 0.84, 0.17
HSL	69°, 72%, 48%
HSV	69°, 84%, 83%
XYZ	43.8398, 57.5167, 10.3046
YIQ	183.6350, 41.0460, -61.0820

Conversions

Conversions Part 2

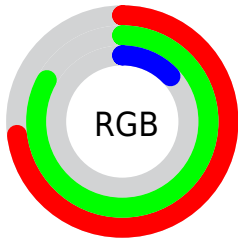
Format	Color
RYB	34, 212, 61
Decimal	12178466
CIELab	80.47, -29.50, 75.18
CIELCh	80, 80.763, 111.421
Yxy	57.5167, 0.3926, 0.5151
Android (android.graphics.Color)	4290368546 (0xFFB9D422)
YUV	183.6350, -73.7701, 1.1971
Hunter-Lab	75.8398, -29.5363, 45.0319

Details

The Hex color **B9D422** 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 **3D22D4**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **F5FF62**, and **7F9D00** is the 20% darker color. If you saturate the color by 10%, you get **B6D40D**, and if you desaturate by 10%, it is **BCD437**.

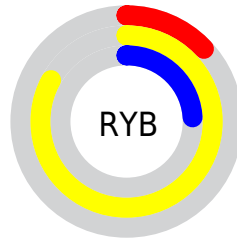
Distribution



Red (73%)

Green (83%)

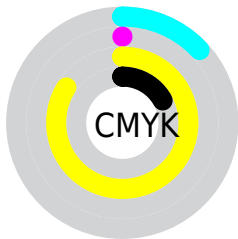
Blue (13%)



Red (13%)

Yellow (83%)

Blue (24%)

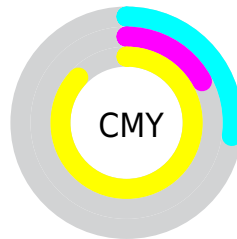


Cyan (13%)

Magenta (0%)

Yellow (84%)

Black (17%)



Cyan (27%)

Magenta (17%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9D422 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 B9D422 by changing the saturation by 10% instead.

 B9D422

 B9D422

FFFFFF

 9CB800

 F5FF62

 7F9D00

 FFFF7F

 638300

 FFFF9C

 476A00

 FFFFB9

 2B5200

 FFFFD6

 0C3A00

 FFFFF4

 002500

 000300

 000000

 B9D422

 B9D422

 B6D40D

 BCD437

 B4D400

 BFD44C

 C3D462

 C6D477

 C9D48C

 CCD4A1

 D0D4B6

 D3D4CC

 D6D4E1

Harmonies

Analogous

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



FFBC17



B9D422



55E363

Triad

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



B9D422



00E6FF



FF7FE1

Complementary

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



B9D422



3D22D4

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.



FF9BFF



B9D422



00D7FF

Square

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



B9D422



00EBFD



9DBDFF



FF8195

Rectangle

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



B9D422



00E895



9DBDFF



FF86FA

Sweetspot

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



B9D422



F5FFBF



D43D22



7A8059



000000



808080

Same Dimension

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



B9D422



D8FF00



60D422



696B60



91AB00



252B00

Inverse Universe

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



3D22D4



2700FF



9622D4



62606B



1A00AB



07002B

Previews

White Background



This preview shows how the Hex color B9D422 looks on a white background.

Color Contrast Check

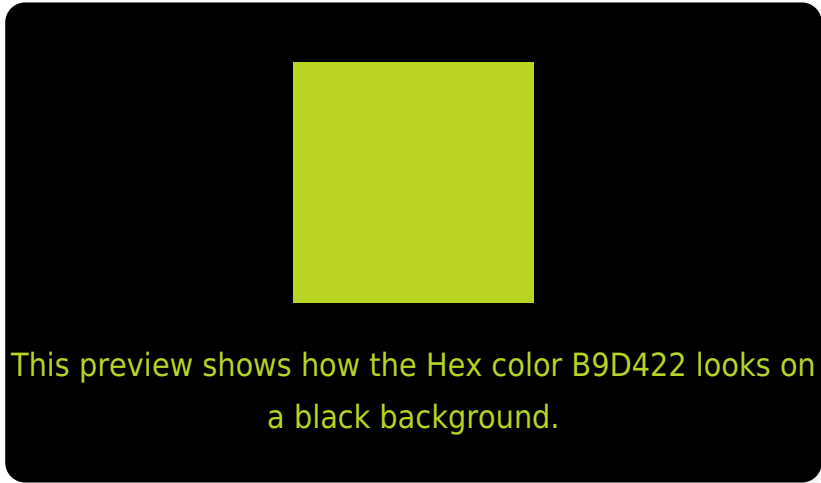
Large Text (above 18pt) WCAG AA × Fail

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 B9D422 Background



This preview shows how black text looks on a background with the Hex color B9D422.



This preview shows how white text looks on a background with the Hex color B9D422.

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
B9D422

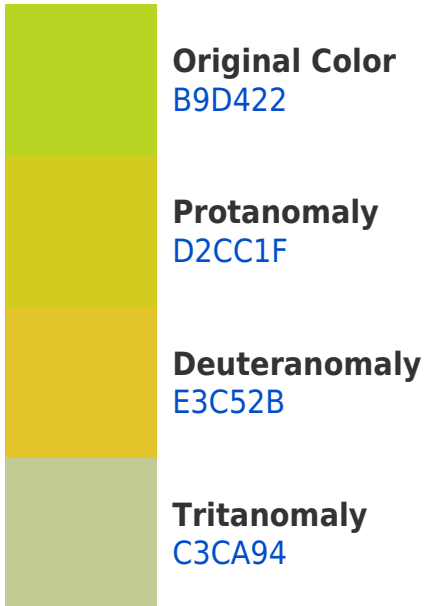
Protanopia
E0C81E

Deuteranopia
FBBD30



Tritanopia
C9C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9D422 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 #B9D422 looks like.

```
.text, #text, p{  
    color:#B9D422  
}
```

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 #B9D422 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D422
}
```

Border

The CSS property to change the border of an element to Hex B9D422 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
#B9D422 }
```

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

```
.border{ border-color:#B9D422 }
```

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

Here you see how a box with a 4 pixel #B9D422 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D422; -webkit-box-shadow:4px 4px  
4px 4px #B9D422; box-shadow:4px 4px 4px  
4px #B9D422 }
```

Background

The CSS property to change the background color of an element to Hex B9D422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D422 }
```

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

```
.background{ background-color:#B9D422 }
```

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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