

Converting Colors

Hex(7DB312)

Have a look what the booklet for
Hex(7DB312) contains.

Hex(7DB312)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DB312)

Conversions

Conversions Part 1

Format	Color
Hex	7DB312
RGB	125, 179, 18
RGB Percent	49%, 70%, 7%
CMY	0.5098, 0.2980, 0.9294
CMYK	0.30, 0.00, 0.90, 0.30
HSL	80°, 82%, 39%
HSV	80°, 90%, 70%
XYZ	24.6867, 36.6438, 6.3441
YIQ	144.5000, 19.4970, -61.5190

Conversions

Conversions Part 2

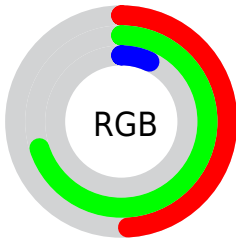
Format	Color
RYB	18, 179, 72
Decimal	8237842
CIELab	67.01, -38.78, 65.58
CIELCh	67, 76.192, 120.597
Yxy	36.6438, 0.3648, 0.5415
Android (android.graphics.Color)	4286427922 (0xFF7DB312)
YUV	144.5000, -62.3645, -17.1015
Hunter-Lab	60.5342, -33.1398, 36.1602

Details

The Hex color **7DB312** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4812B3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B6EB53**, and **457E00** is the 20% darker color. If you saturate the color by 10%, you get **77B300**, and if you desaturate by 10%, it is **83B324**.

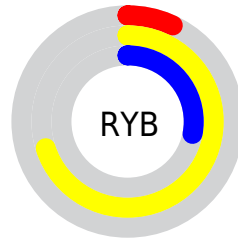
Distribution



Red (49%)

Green (70%)

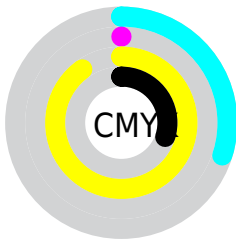
Blue (7%)



Red (7%)

Yellow (70%)

Blue (28%)

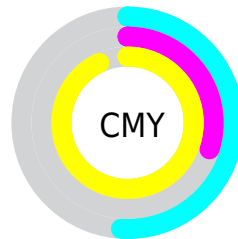


Cyan (30%)

Magenta (0%)

Yellow (90%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DB312 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 7DB312 by changing the saturation by 10% instead.

 7DB312

 7DB312

FFFFFF

 619800

 B6EB53

 457E00

 D3FF6F

 286400


 F1FF8B

 004C00

 FFFFA7

 003500

 FFFFC4

 002000

 FFFFE1

 000000

 7DB312

 7DB312

 77B300

 83B324

 89B336

 8FB348

 95B35A

 9BB36B

 A1B37D

 A7B38F

 ADB3A1

 B3B3B3

Harmonies

Analogous

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



C2A000



7DB312



00BD5B

Triad

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



7DB312



00BBFF



FF5AA5

Complementary

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



7DB312



4812B3

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.



F66FE8



7DB312



00ABFF

Square

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



7DB312



00C2E7



A190FF



FF6761

Rectangle

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



7DB312



00C18A



A190FF



FF5DBC

Sweetspot

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



7DB312



D3E8A9



B34812



697550



F5F5F5



757575

Same Dimension

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



7DB312



9AE800



2DB312



565950



669900



111A00

Inverse Universe

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



4812B3



4E00E8



9812B3



535059



330099



09001A

Previews

White Background



This preview shows how the Hex color 7DB312 looks on a white background.

Color Contrast Check

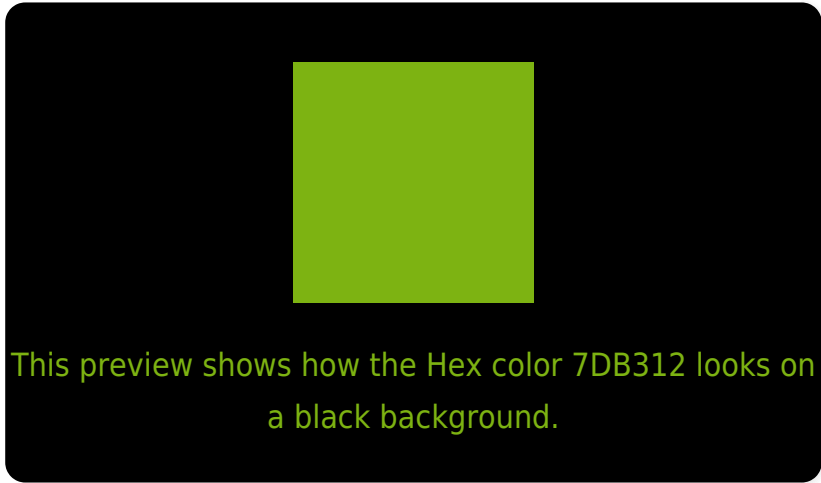
Large Text (above 18pt) WCAG AA × Fail

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 7DB312 Background



This preview shows how black text looks on a background with the Hex color 7DB312.

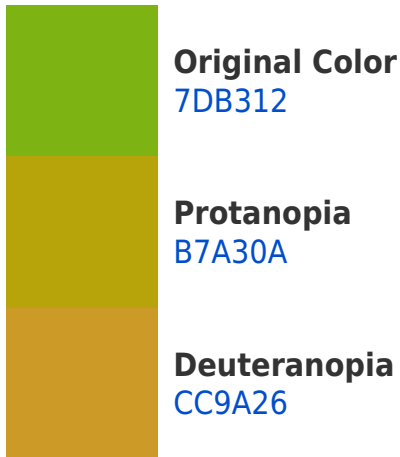


This preview shows how white text looks on a background with the Hex color 7DB312.

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
8EA6B4

Trichromacy



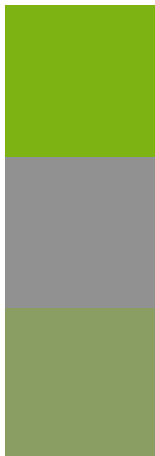
Original Color
7DB312

Protanomaly
A2A90D

Deuteranomaly
AFA31F

Tritanomaly
88AB79

Monochromacy



Original Color
7DB312

Achromatopsia
919191

Achromatomaly
8A9D63

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB312 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 #7DB312 looks like.

```
.text, #text, p{  
    color:#7DB312  
}
```

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 #7DB312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB312
}
```

Border

The CSS property to change the border of an element to Hex 7DB312 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
#7DB312 }
```

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

```
.border{ border-color:#7DB312 }
```

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

Here you see how a box with a 4 pixel #7DB312 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB312; -webkit-box-shadow:4px 4px  
4px 4px #7DB312; box-shadow:4px 4px 4px  
4px #7DB312 }
```

Background

The CSS property to change the background color of an element to Hex 7DB312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB312 }
```

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

```
.background{ background-color:#7DB312 }
```

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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