

Converting Colors

Hex(7DB12D)

Have a look what the booklet for
Hex(7DB12D) contains.

Hex(7DB12D)	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(7DB12D)

Conversions

Conversions Part 1

Format	Color
Hex	7DB12D
RGB	125, 177, 45
RGB Percent	49%, 69%, 18%
CMY	0.5098, 0.3059, 0.8235
CMYK	0.29, 0.00, 0.75, 0.31
HSL	84°, 59%, 44%
HSV	84°, 75%, 69%
XYZ	24.6532, 35.9937, 8.1307
YIQ	146.4040, 11.3800, -52.0760

Conversions

Conversions Part 2

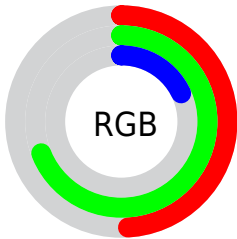
Format	Color
RYB	45, 177, 97
Decimal	8237357
CIELab	66.52, -36.80, 58.05
CIElCh	67, 68.727, 122.372
Yxy	35.9937, 0.3584, 0.5233
Android (android.graphics.Color)	4286427437 (0xFF7DB12D)
YUV	146.4040, -49.9922, -18.7713
Hunter-Lab	59.9948, -31.6410, 33.9611

Details

The Hex color **7DB12D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **612DB1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B5E964**, and **467C00** is the 20% darker color. If you saturate the color by 10%, you get **76B11B**, and if you desaturate by 10%, it is **84B13F**.

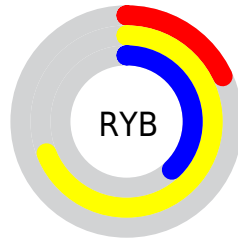
Distribution



Red (49%)

Green (69%)

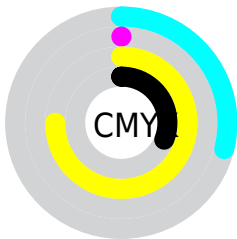
Blue (18%)



Red (18%)

Yellow (69%)

Blue (38%)

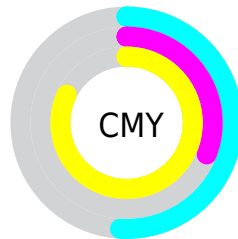


Cyan (29%)

Magenta (0%)

Yellow (75%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DB12D 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 7DB12D by changing the saturation by 10% instead.

 7DB12D

 7DB12D

FFFFFF

 629607

 B5E964

 467C00

 D2FF7F

 2A6300

 EFFF9B

 064A00

 FFFFB7

 003300

 FFFFD3

 001F00

 FFFFF0

 000000

 7DB12D

 7DB12D

 76B11B

 84B13F

 6FB10A

 8BB150

 6BB100

 92B162

 99B174

 A0B186

 A7B197

 AEB1A9

 B5B1BB

 BCB1CC

Harmonies

Analogous

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



BCA008



7DB12D



00BB65

Triad

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



7DB12D



00B7FF



FF649F

Complementary

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



7DB12D



612DB1

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.



F073DC



7DB12D



00A7FF

Square

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



7DB12D



00BEE2



A88FFF



FF6F63

Rectangle

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



7DB12D



00BE8F



A88FFF



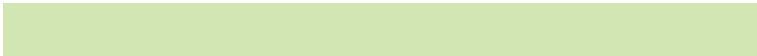
FF66B4

Sweetspot

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



7DB12D



D2E6B3



B1602D



677355



F2F2F2



737373

Same Dimension

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



7DB12D



95E619



3CB12D



565950



5D9900



0F1A00

Inverse Universe

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



612DB1



6A19E6



A22DB1



545059



3C0099



0A001A

Previews

White Background



This preview shows how the Hex color 7DB12D looks on a white background.

Color Contrast Check

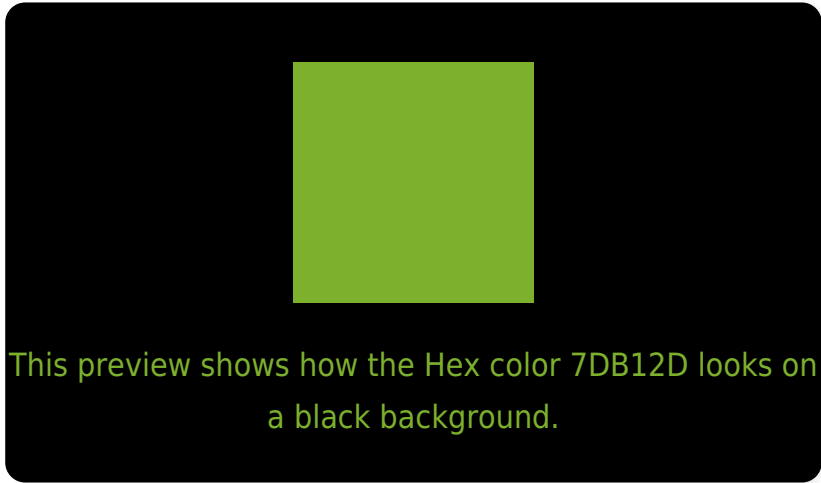
Large Text (above 18pt) WCAG AA × Fail

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 7DB12D Background



This preview shows how black text looks on a background with the Hex color 7DB12D.



This preview shows how white text looks on a background with the Hex color 7DB12D.

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
7DB12D

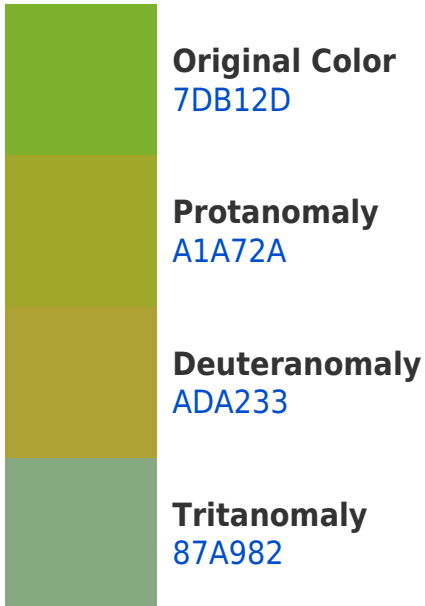
Protanopia
B5A129

Deuteranopia
C99937



Tritanopia
8DA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB12D 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 #7DB12D looks like.

```
.text, #text, p{  
    color:#7DB12D  
}
```

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 #7DB12D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB12D
}
```

Border

The CSS property to change the border of an element to Hex 7DB12D 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
#7DB12D }
```

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

```
.border{ border-color:#7DB12D }
```

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

Here you see how a box with a 4 pixel #7DB12D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB12D; -webkit-box-shadow:4px 4px  
4px 4px #7DB12D; box-shadow:4px 4px 4px  
4px #7DB12D }
```

Background

The CSS property to change the background color of an element to Hex 7DB12D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB12D }
```

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

```
.background{ background-color:#7DB12D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor