

# Converting Colors

Hex(7DB80D)

Have a look what the booklet for  
Hex(7DB80D) contains.

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**Color**

**Hex(7DB80D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DB80D
RGB	125, 184, 13
RGB Percent	49%, 72%, 5%
CMY	0.5098, 0.2784, 0.9490
CMYK	0.32, 0.00, 0.93, 0.28
HSL	81°, 87%, 39%
HSV	81°, 93%, 72%
XYZ	25.6706, 38.6700, 6.4918
YIQ	146.8650, 19.7270, -65.6890

# Conversions

## Conversions Part 2

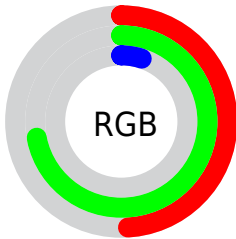
Format	Color
<a href="#">RYB</a>	<a href="#">13, 184, 72</a>
Decimal	<a href="#">8239117</a>
CIELab	<a href="#">68.51, -41.08, 67.58</a>
CIElCh	<a href="#">69, 79.081, 121.293</a>
Yxy	<a href="#">38.6700, 0.3624, 0.5459</a>
Android (android.graphics.Color)	<a href="#">4286429197 (0xFF7DB80D)</a>
YUV	<a href="#">146.8650, -65.9954, -19.1756</a>
Hunter-Lab	<a href="#">62.1852, -35.1378, 37.3401</a>

# Details

The Hex color **7DB80D** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **480DB8**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B6F052**, and **448200** is the 20% darker color. If you saturate the color by 10%, you get **79B800**, and if you desaturate by 10%, it is **83B81F**.

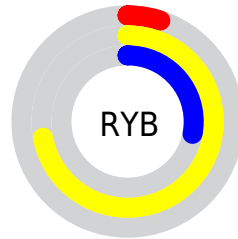
# Distribution



Red (49%)

Green (72%)

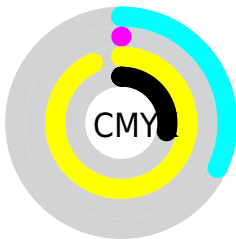
Blue (5%)



Red (5%)

Yellow (72%)

Blue (28%)

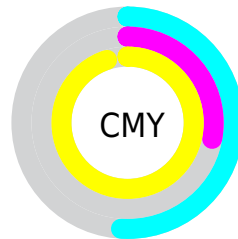


Cyan (32%)

Magenta (0%)

Yellow (93%)

Black (28%)



Cyan (51%)

Magenta (28%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DB80D 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 7DB80D by changing the saturation by 10% instead.



 7DB80D

 7DB80D

FFFFFF

 619D00

 B6F052

 448200

 D4FF6F

 276900

 F1FF8B

 005000

 FFFFA7

 003800

 FFFFC4

 002400

 FFFFE1

 000000

FFFFFFE

 7DB80D

 7DB80D

■ 79B800

■ 83B81F

■ 8AB832

■ 90B844

■ 96B857

■ 9DB869

■ A3B87B

■ A9B88E

■ B0B8A0

■ B6B8B3

# Harmonies

## Analogous

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



C5A500



7DB80D



00C35E

# Triad

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



7DB80D



00C0FF



FF59A7

# Complementary

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



7DB80D



480DB8

# 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.



FE6FED



7DB80D



00AFFF

# Square

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



7DB80D



00C7F0



A792FF



FF6861

# Rectangle

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



7DB80D



00C68F



A792FF



FF5DBF

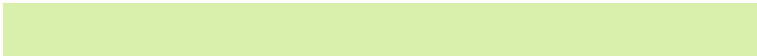


# Sweetspot

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



7DB80D



D9F0AD



B8460D



6A784F



F7F7F7



787878



# Same Dimension

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



7DB80D



9DF000



29B80D



595C53



669C00



121C00



# Inverse Universe

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



480DB8



5300F0



9C0DB8



56535C



36009C



0A001C



# Previews

## White Background



This preview shows how the Hex color 7DB80D looks on a white background.

## Color Contrast Check

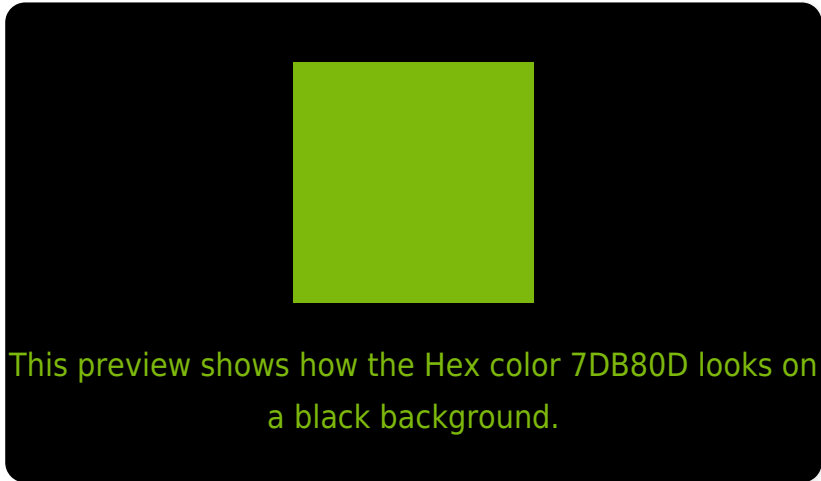
Large Text (above 18pt) WCAG AA × Fail

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 7DB80D Background



This preview shows how black text looks on a background with the Hex color 7DB80D.



This preview shows how white text looks on a background with the Hex color 7DB80D.

# 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**  
7DB80D

**Protanopia**  
BCA700

**Deuteranopia**  
D19E25



**Tritanopia**  
8FABB9

# Trichromacy



**Original Color**

7DB80D



**Protanomaly**

A5AD05



**Deuteranomaly**

B2A71C



**Tritanomaly**

88B07A

# Monochromacy



**Original Color**

7DB80D



**Achromatopsia**

939393



**Achromatomaly**

8BA062

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DB80D 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 #7DB80D looks like.

```
.text, #text, p{  
    color:#7DB80D  
}
```

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 #7DB80D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB80D
}
```

## Border

The CSS property to change the border of an element to Hex 7DB80D 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
#7DB80D }
```

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

```
.border{ border-color:#7DB80D }
```

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

Here you see how a box with a 4 pixel #7DB80D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB80D; -webkit-box-shadow:4px 4px  
4px 4px #7DB80D; box-shadow:4px 4px 4px  
4px #7DB80D }
```

# Background

The CSS property to change the background color of an element to Hex 7DB80D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB80D }
```

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

```
.background{ background-color:#7DB80D }
```

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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