

# Converting Colors

Hex(7DC10B)

Have a look what the booklet for  
Hex(7DC10B) contains.

<b>Hex(7DC10B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(7DC10B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DC10B
RGB	125, 193, 11
RGB Percent	49%, 76%, 4%
CMY	0.5098, 0.2431, 0.9569
CMYK	0.35, 0.00, 0.94, 0.24
HSL	82°, 89%, 40%
HSV	82°, 94%, 76%
XYZ	27.5878, 42.5241, 7.0705
YIQ	151.9200, 17.8940, -71.0180

# Conversions

## Conversions Part 2

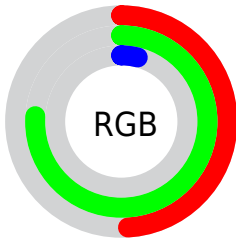
Format	Color
<a href="#">RYB</a>	<a href="#">11, 193, 79</a>
Decimal	<a href="#">8241419</a>
CIELab	<a href="#">71.23, -44.94, 70.01</a>
CIELCh	<a href="#">71, 83.193, 122.698</a>
Yxy	<a href="#">42.5241, 0.3574, 0.5510</a>
Android (android.graphics.Color)	<a href="#">4286431499</a> ( <a href="#">0xFF7DC10B</a> )
YUV	<a href="#">151.9200, -69.4736, -23.6088</a>
Hunter-Lab	<a href="#">65.2105, -38.6025, 39.2187</a>

# Details

The Hex color **7DC10B** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4F0BC1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B7FA54**, and **438B00** is the 20% darker color. If you saturate the color by 10%, you get **79C100**, and if you desaturate by 10%, it is **84C11E**.

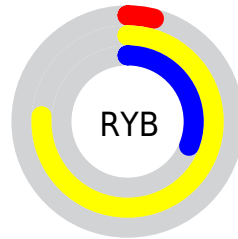
# Distribution



Red (49%)

Green (76%)

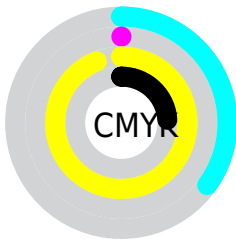
Blue (4%)



Red (4%)

Yellow (76%)

Blue (31%)

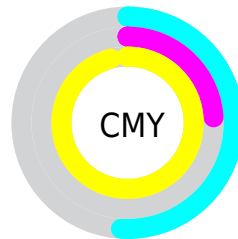


Cyan (35%)

Magenta (0%)

Yellow (94%)

Black (24%)



Cyan (51%)

Magenta (24%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DC10B 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 7DC10B by changing the saturation by 10% instead.



 7DC10B

 7DC10B

FFFFFF

 60A600

 B7FA54

 438B00

 D4FF70

 247100

 F2FF8C

 005800

 FFFFA9

 004000

 FFFFC6

 002A00

 FFFF E3

 000800

 000000

 7DC10B

 7DC10B

■ 79C100

■ 84C11E

■ 8BC132

■ 93C145

■ 9AC158

■ A1C16B

■ A8C17F

■ AFC192

■ B7C1A5

■ BEC1B9

# Harmonies

## Analogous

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



CBAD00



7DC10B



00CC64

# Triad

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



7DC10B



00C8FF



FF5AAB

# Complementary

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



7DC10B



4F0BC1

# 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.



FF71F5



7DC10B



00B6FF

# Square

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



7DC10B



00D0FF



B497FF



FF6C61

# Rectangle

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



7DC10B



00CF99



B497FF



FF5EC4



# Sweetspot

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



7DC10B



E0FAB4



C14E0B



6D7D52



FCFCFC



7D7D7D



# Same Dimension

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



7DC10B



9DFA00



23C10B



5D6157



65A100



152100



# Inverse Universe

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



4F0BC1



5D00FA



A90BC1



5B5761



3C00A1



0C0021



# Previews

## White Background



This preview shows how the Hex color 7DC10B looks on a white background.

## Color Contrast Check

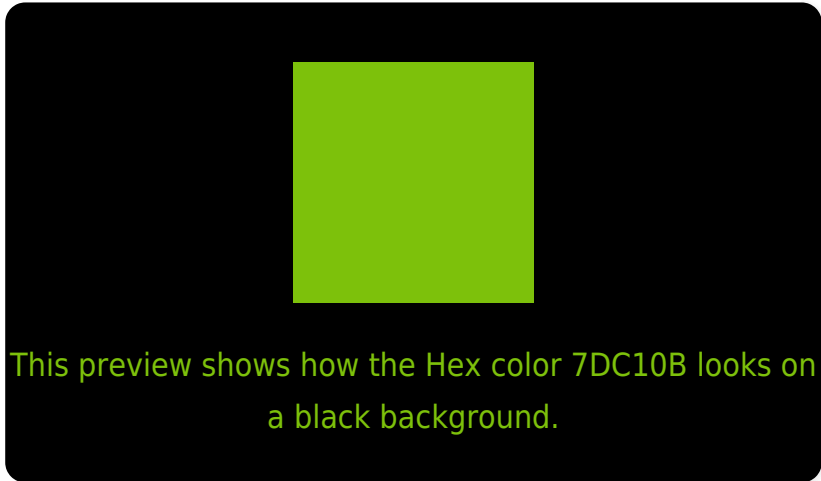
Large Text (above 18pt) WCAG AA × Fail

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 7DC10B Background



This preview shows how black text looks on a background with the Hex color 7DC10B.

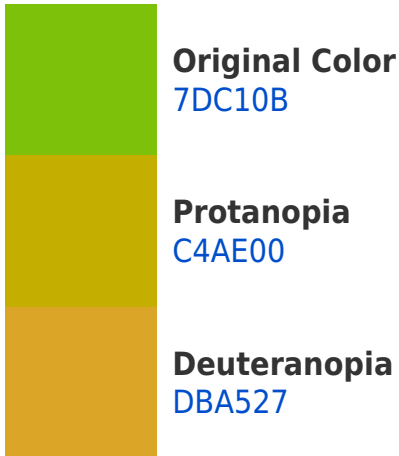


This preview shows how white text looks on a background with the Hex color 7DC10B.

# 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**  
91B3C2

# Trichromacy



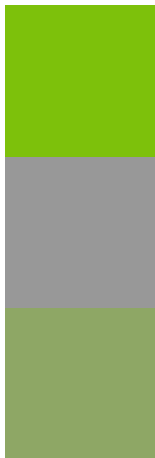
**Original Color**  
7DC10B

**Protanomaly**  
AAB504

**Deuteranomaly**  
B9AF1D

**Tritanomaly**  
8AB87F

# Monochromacy



**Original Color**  
7DC10B

**Achromatopsia**  
989898

**Achromatomaly**  
8EA765

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DC10B 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 #7DC10B looks like.

```
.text, #text, p{  
    color:#7DC10B  
}
```

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 #7DC10B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC10B
}
```

## Border

The CSS property to change the border of an element to Hex 7DC10B 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
#7DC10B }
```

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

```
.border{ border-color:#7DC10B }
```

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

Here you see how a box with a 4 pixel #7DC10B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC10B; -webkit-box-shadow:4px 4px  
4px 4px #7DC10B; box-shadow:4px 4px 4px  
4px #7DC10B }
```

# Background

The CSS property to change the background color of an element to Hex 7DC10B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC10B }
```

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

```
.background{ background-color:#7DC10B }
```

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