

Converting Colors

Hex(7DC43B)

Have a look what the booklet for
Hex(7DC43B) contains.

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Color

Hex(7DC43B)

Conversions

Conversions Part 1

Format	Color
Hex	7DC43B
RGB	125, 196, 59
RGB Percent	49%, 77%, 23%
CMY	0.5098, 0.2314, 0.7686
CMYK	0.36, 0.00, 0.70, 0.23
HSL	91°, 54%, 50%
HSV	91°, 70%, 77%
XYZ	28.9868, 44.1556, 11.1328
YIQ	159.1530, 1.6610, -57.6590

Conversions

Conversions Part 2

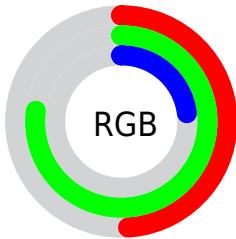
Format	Color
RYB	59, 196, 130
Decimal	8242235
CIELab	72.33, -44.19, 58.78
CIELCh	72, 73.533, 126.936
Yxy	44.1556, 0.3440, 0.5239
Android (android.graphics.Color)	4286432315 (0xFF7DC43B)
YUV	159.1530, -49.3754, -29.9522
Hunter-Lab	66.4497, -38.4214, 36.5815

Details

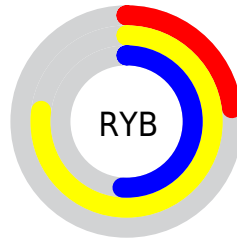
The Hex color **7DC43B** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **823BC4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B6FD72**, and **448E00** is the 20% darker color. If you saturate the color by 10%, you get **73C427**, and if you desaturate by 10%, it is **87C44F**.

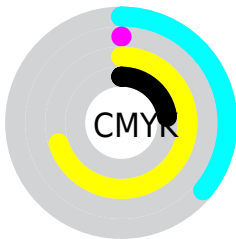
Distribution



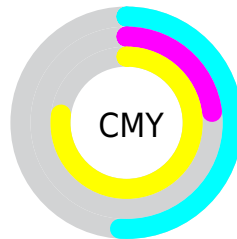
- Red (49%)
- Green (77%)
- Blue (23%)



- Red (23%)
- Yellow (77%)
- Blue (51%)



- Cyan (36%)
- Magenta (0%)
- Yellow (70%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DC43B 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 7DC43B by changing the saturation by 10% instead.

 7DC43B

 7DC43B

FFFFFF

 61A81C

 B6FD72

 448E00

 D3FF8D

 257400

 F1FFA9

 005A00

 FFFFC5

 004200

 FFFFE2

 002C00

 000F00

 000000

 7DC43B

 7DC43B

 73C427

 87C44F

 69C414

 91C462

 5FC400

 9BC476

 5EC400

 A6C489

 B0C49D

 BAC4B1

 C4C4C4

 CEC4D8

 D8C4EB

Harmonies

Analogous

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



C4B30B



7DC43B



00CD7A

Triad

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



7DC43B



00C6FF



FF6EA5

Complementary

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



7DC43B



823BC4

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.



FF7BE7



7DC43B



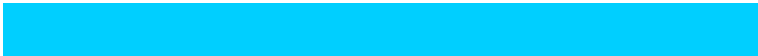
09B4FF

Square

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



7DC43B



00CFFF



C798FF



FF7E64

Rectangle

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



7DC43B



00D0A8



C798FF



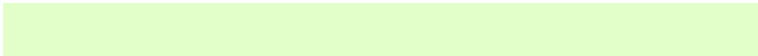
FF6FBB

Sweetspot

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



7DC43B



E3FFC9



C4823B



6F8060



000000



808080

Same Dimension

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



7DC43B



90FF29



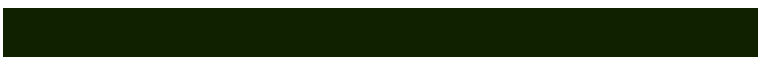
3BC43D



5C6157



4DA100



102100

Inverse Universe

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



823BC4



9829FF



C43BC2



5C5761



5300A1



110021

Previews

White Background



This preview shows how the Hex color 7DC43B looks on a white background.

Color Contrast Check

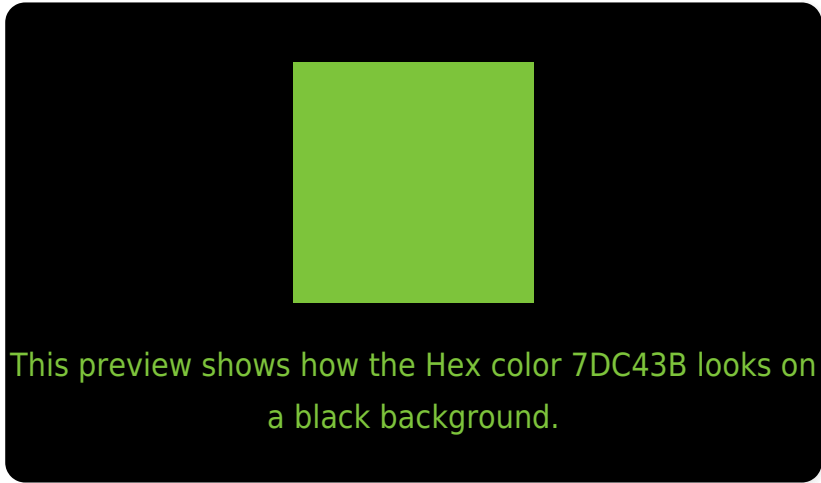
Large Text (above 18pt) WCAG AA × Fail

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 7DC43B Background



This preview shows how black text looks on a background with the Hex color 7DC43B.

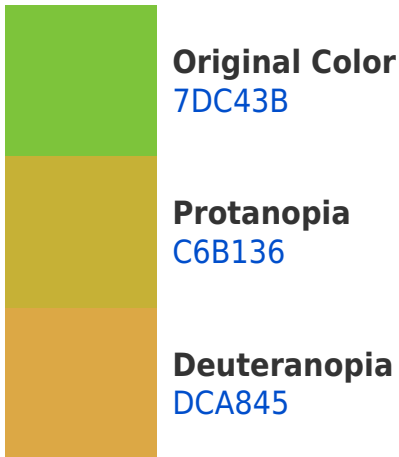


This preview shows how white text looks on a background with the Hex color 7DC43B.

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
91B7C6

Trichromacy



Original Color
7DC43B



Protanomaly
ABB838



Deuteranomaly
B9B241



Tritanomaly
8ABC93

Monochromacy



Original Color
7DC43B



Achromatopsia
9F9F9F



Achromatomaly
93AC7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DC43B 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 #7DC43B looks like.

```
.text, #text, p{  
    color:#7DC43B  
}
```

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 #7DC43B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC43B
}
```

Border

The CSS property to change the border of an element to Hex 7DC43B 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
#7DC43B }
```

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

```
.border{ border-color:#7DC43B }
```

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

Here you see how a box with a 4 pixel #7DC43B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC43B; -webkit-box-shadow:4px 4px  
4px 4px #7DC43B; box-shadow:4px 4px 4px  
4px #7DC43B }
```

Background

The CSS property to change the background color of an element to Hex 7DC43B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC43B }
```

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

```
.background{ background-color:#7DC43B }
```

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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