

Converting Colors

Hex(7FDC41)

Have a look what the booklet for
Hex(7FDC41) contains.

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Color

Hex(7FDC41)

Conversions

Conversions Part 1

Format	Color
Hex	7FDC41
RGB	127, 220, 65
RGB Percent	50%, 86%, 25%
CMY	0.5020, 0.1373, 0.7451
CMYK	0.42, 0.00, 0.70, 0.14
HSL	96°, 69%, 56%
HSV	96°, 70%, 86%
XYZ	35.2997, 56.0801, 13.9651
YIQ	174.5230, -5.6730, -67.9210

Conversions

Conversions Part 2

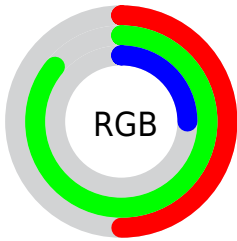
Format	Color
RYB	65, 220, 158
Decimal	8379457
CIELab	79.66, -52.92, 64.07
CIELCh	80, 83.100, 129.558
Yxy	56.0801, 0.3351, 0.5323
Android (android.graphics.Color)	4286569537 (0xFF7FDC41)
YUV	174.5230, -53.9948, -41.6777
Hunter-Lab	74.8866, -46.9111, 41.3641

Details

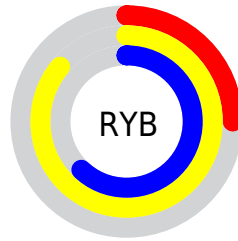
The Hex color **7FDC41** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **9E41DC**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BAFF79**, and **43A400** is the 20% darker color. If you saturate the color by 10%, you get **72DC2B**, and if you desaturate by 10%, it is **8CDC57**.

Distribution



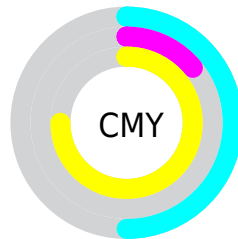
- Red (50%)
- Green (86%)
- Blue (25%)



- Red (25%)
- Yellow (86%)
- Blue (62%)



- Cyan (42%)
- Magenta (0%)
- Yellow (70%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FDC41 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 7FDC41 by changing the saturation by 10% instead.

 7FDC41

 7FDC41

FFFFFF

 62C021


 BAFF79

 43A400

 D7FF95

 1F8900

 F5FFB1

 006F00

 FFFFCE

 005600

 FFFFEB

 003D00

 002700

 000000

 7FDC41

 7FDC41

 72DC2B

 8CDC57

 65DC15

 99DC6D

 58DC00

 A7DC83

 B4DC99

 C1DCAF

 CEDCC5

 DBDCDB

 E9DCF1

 F6DCFF

Harmonies

Analogous

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



D4CA00



7FDC41



00E68C

Triad

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



7FDC41



00DCFF



FF76B0

Complementary

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



7FDC41



9E41DC

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.



FF83FD



7FDC41



2AC6FF

Square

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



7FDC41



00E7FF



E8A5FF



FF8C66

Rectangle

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



7FDC41



00E9C2



E8A5FF



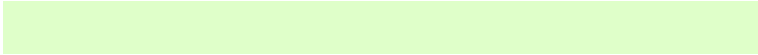
FF76CA

Sweetspot

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



7FDC41



DFFFC9



DC9E41



6C8060



000000



808080

Same Dimension

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



7FDC41



7DFF26



41DC50



676E63



45AD00



122E00

Inverse Universe

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



9E41DC



A826FF



DC41CD



69636E



6800AD



1C002E

Previews

White Background



This preview shows how the Hex color 7FDC41 looks on a white background.

Color Contrast Check

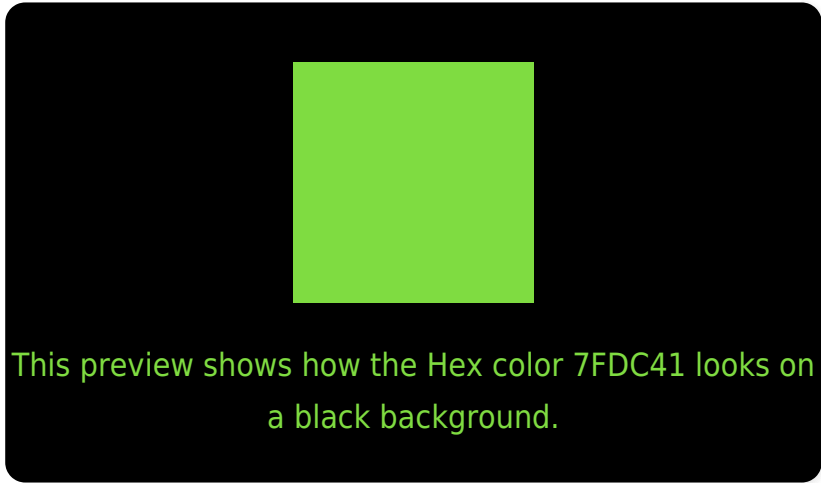
Large Text (above 18pt) WCAG AA × Fail

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 7FDC41 Background



This preview shows how black text looks on a background with the Hex color 7FDC41.

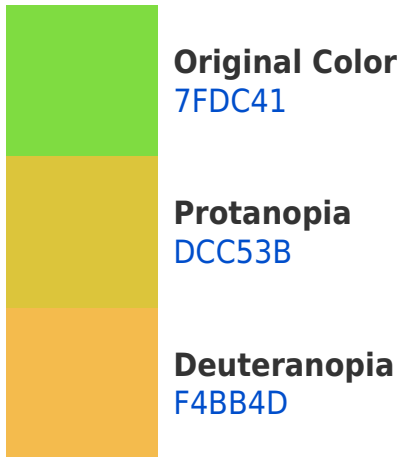


This preview shows how white text looks on a background with the Hex color 7FDC41.

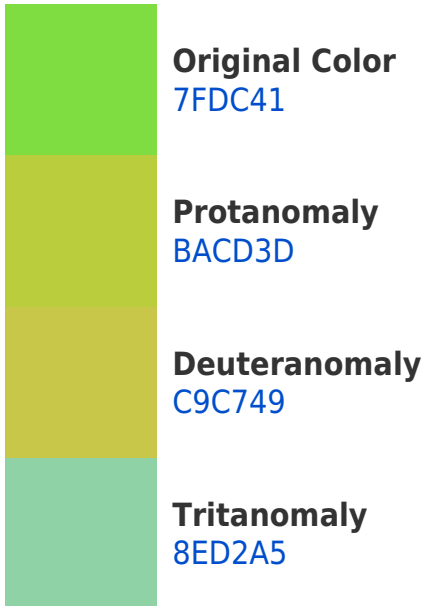
Color Blindness Simulation

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](#).

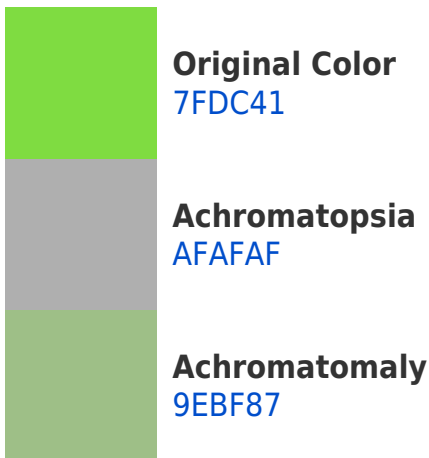
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FDC41 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 #7FDC41 looks like.

```
.text, #text, p{  
    color:#7FDC41  
}
```

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 #7FDC41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDC41
}
```

Border

The CSS property to change the border of an element to Hex 7FDC41 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
#7FDC41 }
```

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

```
.border{ border-color:#7FDC41 }
```

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

Here you see how a box with a 4 pixel #7FDC41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDC41; -webkit-box-shadow:4px 4px  
4px 4px #7FDC41; box-shadow:4px 4px 4px  
4px #7FDC41 }
```

Background

The CSS property to change the background color of an element to Hex 7FDC41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDC41 }
```

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

```
.background{ background-color:#7FDC41 }
```

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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