

Converting Colors

Hex(7FCD40)

Have a look what the booklet for
Hex(7FCD40) contains.

Hex(7FCD40)	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(7FCD40)

Conversions

Conversions Part 1

Format	Color
Hex	7FCD40
RGB	127, 205, 64
RGB Percent	50%, 80%, 25%
CMY	0.5020, 0.1961, 0.7490
CMYK	0.38, 0.00, 0.69, 0.20
HSL	93°, 59%, 53%
HSV	93°, 69%, 80%
XYZ	31.5091, 48.5448, 12.5599
YIQ	165.6040, -1.2270, -60.3870

Conversions

Conversions Part 2

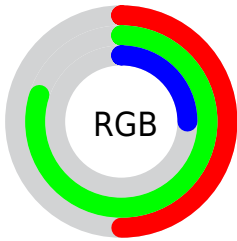
Format	Color
RYB	64, 205, 142
Decimal	8375616
CIELab	75.17, -46.91, 59.83
CIELCh	75, 76.028, 128.103
Yxy	48.5448, 0.3402, 0.5242
Android (android.graphics.Color)	4286565696 (0xFF7FCD40)
YUV	165.6040, -50.0908, -33.8557
Hunter-Lab	69.6741, -41.2056, 38.0839

Details

The Hex color **7FCD40** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8E40CD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B8FF77**, and **469600** is the 20% darker color. If you saturate the color by 10%, you get **74CD2B**, and if you desaturate by 10%, it is **8ACD55**.

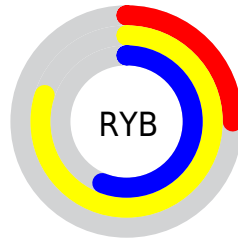
Distribution



Red (50%)

Green (80%)

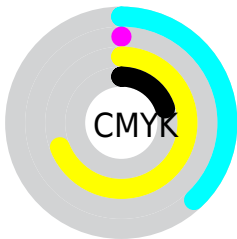
Blue (25%)



Red (25%)

Yellow (80%)

Blue (56%)

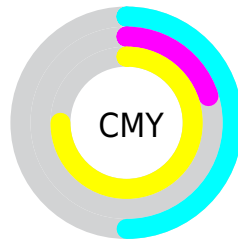


Cyan (38%)

Magenta (0%)

Yellow (69%)

Black (20%)



Cyan (50%)

Magenta (20%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FCD40 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 7FCD40 by changing the saturation by 10% instead.

 7FCD40

 7FCD40

FFFFFF

 63B122

 B8FF77

 469600

 D6FF93

 267C00

 F3FFAF

 006200

 FFFF00

 004900

 FFFF00

 003200

 001B00

 000000

 7FCD40

 7FCD40

 74CD2B

 8ACD55

 68CD17

 96CD69

 5DCD03

 A1CD7E

 5CCD00

 ACCD92

 B8CDA7

 C3CDDB

 CECDD0

 DACDE4

 E5CDF9

Harmonies

Analogous

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



CABC0C



7FCD40



00D682

Triad

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



7FCD40



00CEFF



FF73A9

Complementary

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



7FCD40



8E40CD

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.



FF7FEF



7FCD40



29BBFF

Square

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



7FCD40



00D8FF



D49EFF



FF8566

Rectangle

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



7FCD40



00D9B2



D49EFF



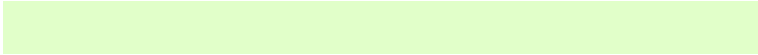
FF74C1

Sweetspot

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



7FCD40



E1FFC9



CD8E40



6E8060



000000



808080

Same Dimension

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



7FCD40



8AFF2B



40CD47



60665C



4AA600



112600

Inverse Universe

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



8E40CD



A02BFF



CD40C6



615C66



5C00A6



150026

Previews

White Background



This preview shows how the Hex color 7FCD40 looks on a white background.

Color Contrast Check

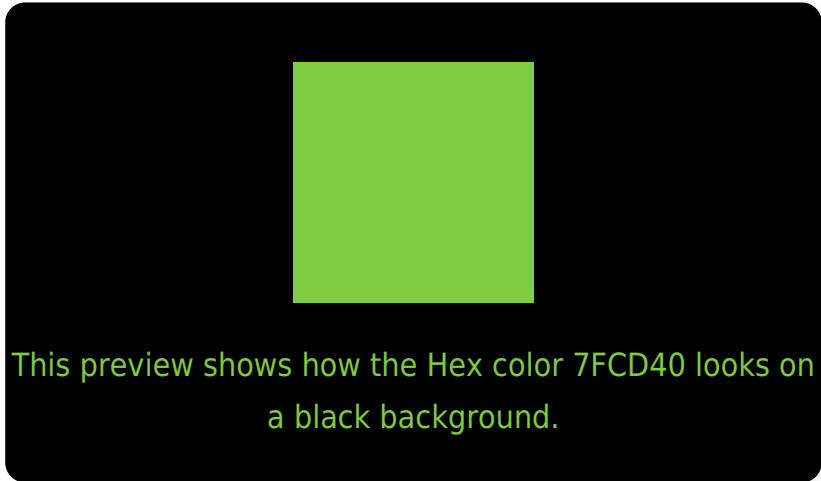
Large Text (above 18pt) WCAG AA × Fail

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 7FCD40 Background



This preview shows how black text looks on a background with the Hex color 7FCD40.

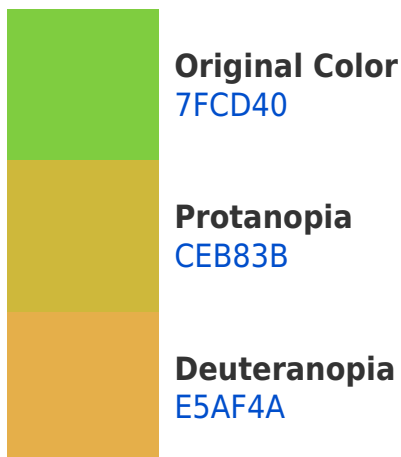


This preview shows how white text looks on a background with the Hex color 7FCD40.

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
94C0CF

Trichromacy



Original Color
7FCD40



Protanomaly
B1C03D



Deuteranomaly
C0BA46

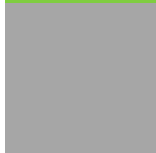


Tritanomaly
8CC59B

Monochromacy



Original Color
7FCD40



Achromatopsia
A6A6A6



Achromatomaly
98B481

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FCD40 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 #7FCD40 looks like.

```
.text, #text, p{  
    color:#7FCD40  
}
```

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 #7FCD40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FCD40
}
```

Border

The CSS property to change the border of an element to Hex 7FCD40 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
#7FCD40 }
```

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

```
.border{ border-color:#7FCD40 }
```

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

Here you see how a box with a 4 pixel #7FCD40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FCD40; -webkit-box-shadow:4px 4px  
4px 4px #7FCD40; box-shadow:4px 4px 4px  
4px #7FCD40 }
```

Background

The CSS property to change the background color of an element to Hex 7FCD40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FCD40 }
```

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

```
.background{ background-color:#7FCD40 }
```

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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