

Converting Colors

Hex(7FB74C)

Have a look what the booklet for
Hex(7FB74C) contains.

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Color

Hex(7FB74C)

Conversions

Conversions Part 1

Format	Color
Hex	7FB74C
RGB	127, 183, 76
RGB Percent	50%, 72%, 30%
CMY	0.5020, 0.2824, 0.7020
CMYK	0.31, 0.00, 0.58, 0.28
HSL	91°, 43%, 51%
HSV	91°, 58%, 72%
XYZ	26.9904, 38.9008, 12.9235
YIQ	154.0580, 0.9710, -45.1490

Conversions

Conversions Part 2

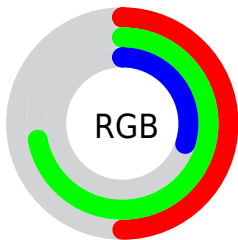
Format	Color
RYB	76, 183, 132
Decimal	8369996
CIELab	68.68, -36.35, 47.71
CIELCh	69, 59.981, 127.305
Yxy	38.9008, 0.3425, 0.4936
Android (android.graphics.Color)	4286560076 (0xFF7FB74C)
YUV	154.0580, -38.4826, -23.7299
Hunter-Lab	62.3705, -31.9038, 31.3741

Details

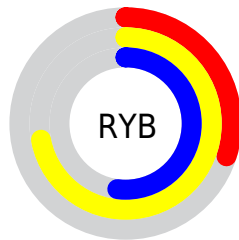
The Hex color **7FB74C** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **844CB7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B7EF80**, and **498216** is the 20% darker color. If you saturate the color by 10%, you get **75B73A**, and if you desaturate by 10%, it is **89B75E**.

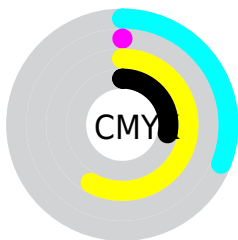
Distribution



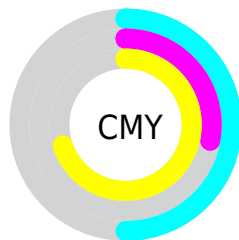
- Red (50%)
- Green (72%)
- Blue (30%)



- Red (30%)
- Yellow (72%)
- Blue (52%)



- Cyan (31%)
- Magenta (0%)
- Yellow (58%)
- Black (28%)



- Cyan (50%)
- Magenta (28%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB74C 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 7FB74C by changing the saturation by 10% instead.

 7FB74C

 7FB74C

FFFFFF

 649C32

 B7EF80

 498216

 D3FF9B

 2E6800

 F0FFB7

 114F00

 FFFFD3

 003800

 FFFFF0

 002400

 000000

 7FB74C

 7FB74C

 75B73A

 89B75E

 6CB727

 92B771

 62B715

 9CB783

 59B703

 A5B795

 57B700

 AFB7A8

 B8B7BA

 C2B7CC

 CCB7DE

 D5B7F1

Harmonies

Analogous

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



B9A933



7FB74C



16BF7C

Triad

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



7FB74C



00B8FF



FF769C

Complementary

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



7FB74C



844CB7

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.



F47ED3



7FB74C



54A9FF

Square

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



7FB74C



00C0E8



BC94FE



FF8169

Rectangle

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



7FB74C



00C2A1



BC94FE



FF77AF

Sweetspot

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



7FB74C



D7EDC2



B7834C



6A785D



F7F7F7



787878

Same Dimension

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



7FB74C



96ED47



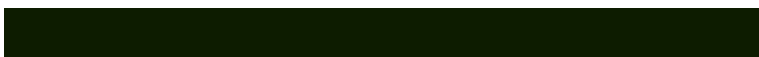
4CB74E



575C53



4A9C00



0D1C00

Inverse Universe

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



844CB7



9E47ED



B74CB5



57535C



51009C



0F001C

Previews

White Background



This preview shows how the Hex color 7FB74C looks on a white background.

Color Contrast Check

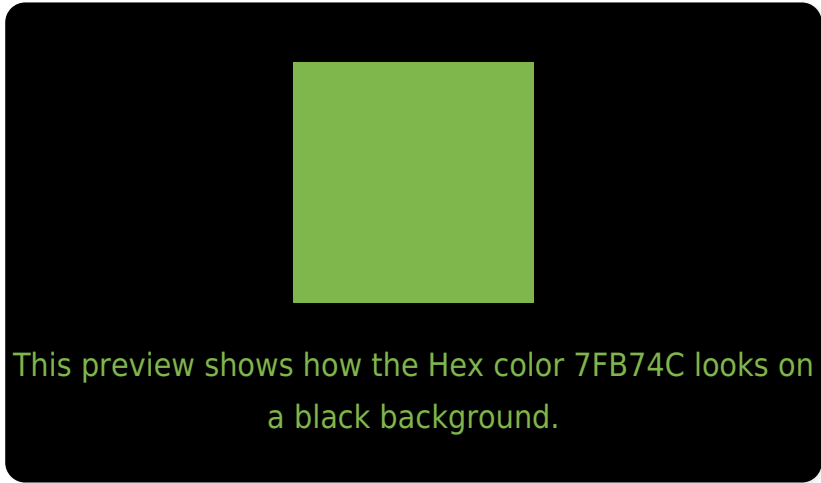
Large Text (above 18pt) WCAG AA × Fail

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 7FB74C Background



This preview shows how black text looks on a background with the Hex color 7FB74C.



This preview shows how white text looks on a background with the Hex color 7FB74C.

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
7FB74C

Protanopia
BAA747

Deuteranopia
CD9F53



Tritanopia
8FACB9

Trichromacy



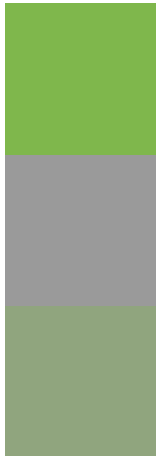
Original Color
7FB74C

Protanomaly
A5AD49

Deuteranomaly
B1A850

Tritanomaly
89B091

Monochromacy



Original Color
7FB74C

Achromatopsia
9A9A9A

Achromatomaly
90A57E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB74C 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 #7FB74C looks like.

```
.text, #text, p{  
    color:#7FB74C  
}
```

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 #7FB74C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB74C
}
```

Border

The CSS property to change the border of an element to Hex 7FB74C 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
#7FB74C }
```

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

```
.border{ border-color:#7FB74C }
```

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

Here you see how a box with a 4 pixel #7FB74C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB74C; -webkit-box-shadow:4px 4px  
4px 4px #7FB74C; box-shadow:4px 4px 4px  
4px #7FB74C }
```

Background

The CSS property to change the background color of an element to Hex 7FB74C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB74C }
```

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

```
.background{ background-color:#7FB74C }
```

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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