

Converting Colors

Hex(7FB754)

Have a look what the booklet for
Hex(7FB754) contains.

Hex(7FB754)	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(7FB754)

Conversions

Conversions Part 1

Format	Color
Hex	7FB754
RGB	127, 183, 84
RGB Percent	50%, 72%, 33%
CMY	0.5020, 0.2824, 0.6706
CMYK	0.31, 0.00, 0.54, 0.28
HSL	94°, 41%, 52%
HSV	94°, 54%, 72%
XYZ	27.2861, 39.0191, 14.4808
YIQ	154.9700, -1.5970, -42.6610

Conversions

Conversions Part 2

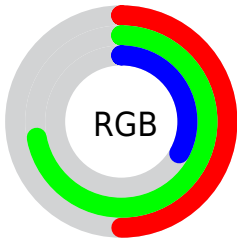
Format	Color
RYB	84, 183, 140
Decimal	8370004
CIELab	68.77, -35.53, 44.06
CIElCh	69, 56.597, 128.880
Yxy	39.0191, 0.3378, 0.4830
Android (android.graphics.Color)	4286560084 (0xFF7FB754)
YUV	154.9700, -34.9882, -24.5297
Hunter-Lab	62.4653, -31.3417, 29.9810

Details

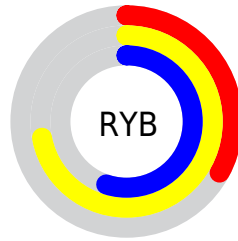
The Hex color **7FB754** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8C54B7**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B6EF88**, and **4A8221** is the 20% darker color. If you saturate the color by 10%, you get **75B742**, and if you desaturate by 10%, it is **89B766**.

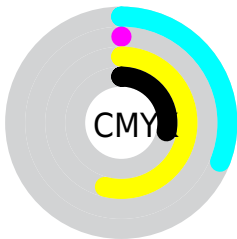
Distribution



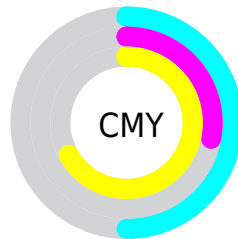
- Red (50%)
- Green (72%)
- Blue (33%)



- Red (33%)
- Yellow (72%)
- Blue (55%)



- Cyan (31%)
- Magenta (0%)
- Yellow (54%)
- Black (28%)



- Cyan (50%)
- Magenta (28%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB754 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 7FB754 by changing the saturation by 10% instead.

 7FB754

 7FB754

FFFFFF

 649C3B

 B6EF88

 4A8221

 D3FFA3

 2F6801

 F0FFBF

 125000

 FFFFDB

 003800

 FFFFF8

 002400

 000000

 7FB754

 7FB754

 75B742

 89B766

 6AB72F

 94B779

 60B71D

 9EB78B

 56B70B

 A8B79D

 4FB700

 B3B7B0

 BDB7C2

 C7B7D4

 D2B7E6

 DCB7F9

Harmonies

Analogous

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



B6AA3C



7FB754



24BF81

Triad

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



7FB754



00B7FF



FF7A9A

Complementary

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



7FB754



8C54B7

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.



F281CE



7FB754



65A8FF

Square

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



7FB754



00BFE7



BF94F8



FF856A

Rectangle

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



7FB754



00C1A4



BF94F8



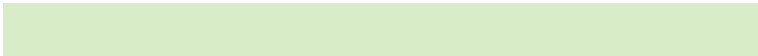
FF7BAC

Sweetspot

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



7FB754



D8EDC7



B78A54



6B7861



F7F7F7



787878

Same Dimension

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



7FB754



96ED53



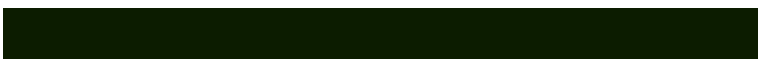
54B759



575C53



449C00



0C1C00

Inverse Universe

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



8C54B7



AA53ED



B754B2



58535C



58009C



10001C

Previews

White Background



This preview shows how the Hex color 7FB754 looks on a white background.

Color Contrast Check

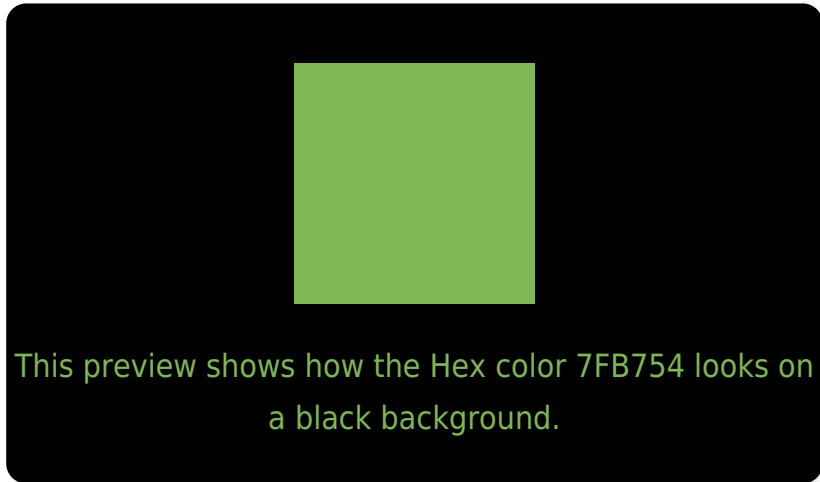
Large Text (above 18pt) WCAG AA × Fail

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 7FB754 Background



This preview shows how black text looks on a background with the Hex color 7FB754.



This preview shows how white text looks on a background with the Hex color 7FB754.

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
7FB754

Protanopia
B9A74F

Deuteranopia
CC9F5A

Trichromacy



Original Color
7FB754

Protanomaly
A4AD51

Deuteranomaly
B0A858

Tritanomaly
89B095

Monochromacy



Original Color
7FB754

Achromatopsia
9B9B9B

Achromatomaly
91A581

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB754 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 #7FB754 looks like.

```
.text, #text, p{  
    color:#7FB754  
}
```

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 #7FB754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB754
}
```

Border

The CSS property to change the border of an element to Hex 7FB754 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
#7FB754 }
```

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

```
.border{ border-color:#7FB754 }
```

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

Here you see how a box with a 4 pixel #7FB754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB754; -webkit-box-shadow:4px 4px  
4px 4px #7FB754; box-shadow:4px 4px 4px  
4px #7FB754 }
```

Background

The CSS property to change the background color of an element to Hex 7FB754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB754 }
```

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

```
.background{ background-color:#7FB754 }
```

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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