

Converting Colors

Hex(7FC546)

Have a look what the booklet for
Hex(7FC546) contains.

Hex(7FC546)	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(7FC546)

Conversions

Conversions Part 1

Format	Color
Hex	7FC546
RGB	127, 197, 70
RGB Percent	50%, 77%, 27%
CMY	0.5020, 0.2275, 0.7255
CMYK	0.36, 0.00, 0.64, 0.23
HSL	93°, 52%, 52%
HSV	93°, 64%, 77%
XYZ	29.8241, 44.8867, 12.8865
YIQ	161.5920, -0.9530, -54.3370

Conversions

Conversions Part 2

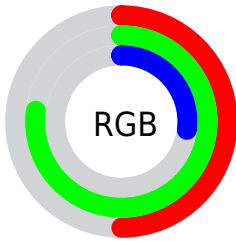
Format	Color
RYB	70, 197, 140
Decimal	8373574
CIELab	72.82, -43.07, 54.94
CIELCh	73, 69.807, 128.093
Yxy	44.8867, 0.3405, 0.5124
Android (android.graphics.Color)	4286563654 (0xFF7FC546)
YUV	161.5920, -45.1549, -30.3372
Hunter-Lab	66.9976, -37.7860, 35.4943

Details

The Hex color **7FC546** 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 **8C46C5**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B8FE7C**, and **478F05** is the 20% darker color. If you saturate the color by 10%, you get **74C532**, and if you desaturate by 10%, it is **8AC55A**.

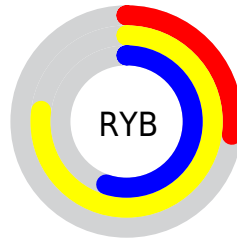
Distribution



Red (50%)

Green (77%)

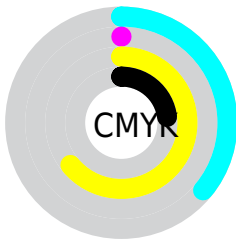
Blue (27%)



Red (27%)

Yellow (77%)

Blue (55%)

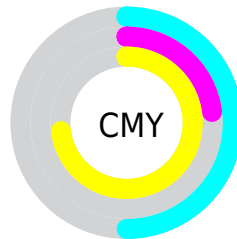


Cyan (36%)

Magenta (0%)

Yellow (64%)

Black (23%)



Cyan (50%)

Magenta (23%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FC546 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 7FC546 by changing the saturation by 10% instead.

 7FC546

 7FC546

FFFFFF

 63A92A


 B8FE7C

 478F05

 D5FF97

 297500

 F2FFB3

 015B00

 FFFFCE

 004300

 FFFFEC

 002D00

 001200

 000000

 7FC546

 7FC546

 74C532

 8AC55A

 69C51F

 95C56D

 5EC50B

 A0C581

 58C500

 AAC595

 B5C5A9

 C0C5BC

 CBC5D0

 D6C5E4

 E1C5F7

Harmonies

Analogous

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



C3B522



7FC546



00CE80

Triad

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



7FC546



00C6FF



FF75A4

Complementary

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



7FC546



8C46C5

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.



FF7FE4



7FC546



43B4FF

Square

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



7FC546



00CFFF



CC9AFF



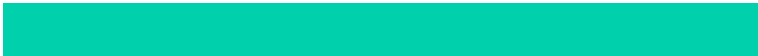
FF8467

Rectangle

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



7FC546



00D1AC



CC9AFF



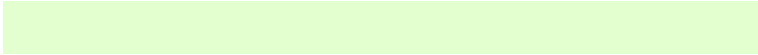
FF76BA

Sweetspot

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



7FC546



E4FFCF



C58C46



6F8062



000000



808080

Same Dimension

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



7FC546



93FF3B



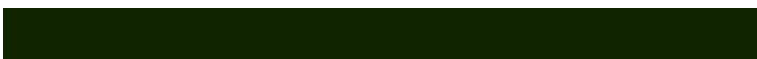
46C54C



5E635A



49A300



102400

Inverse Universe

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



8C46C5



A73BFF



C546BF



5F5A63



5A00A3



140024

Previews

White Background



This preview shows how the Hex color 7FC546 looks on a white background.

Color Contrast Check

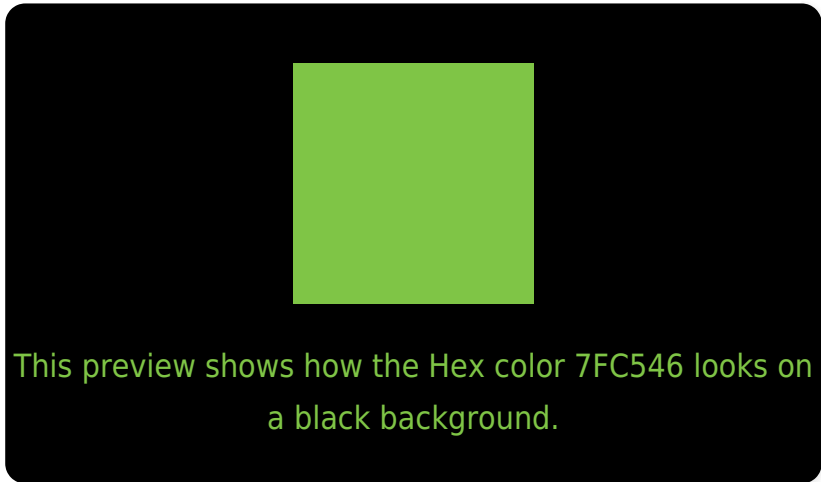
Large Text (above 18pt) WCAG AA × Fail

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 7FC546 Background



This preview shows how black text looks on a background with the Hex color 7FC546.

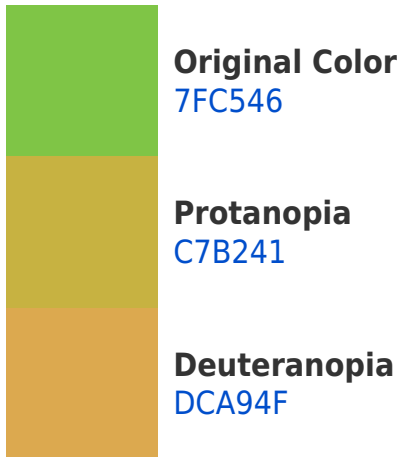


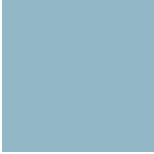
This preview shows how white text looks on a background with the Hex color 7FC546.

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](#).

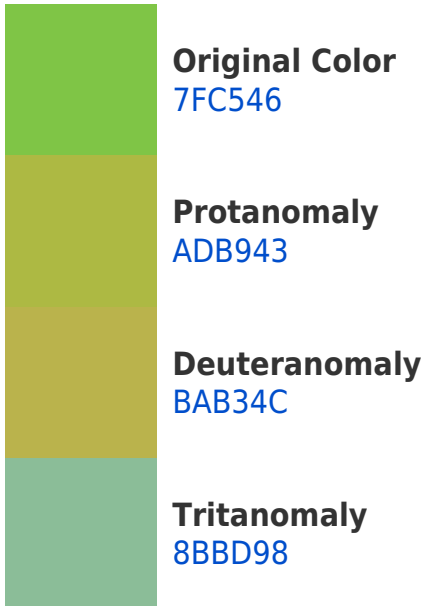
Dichromacy



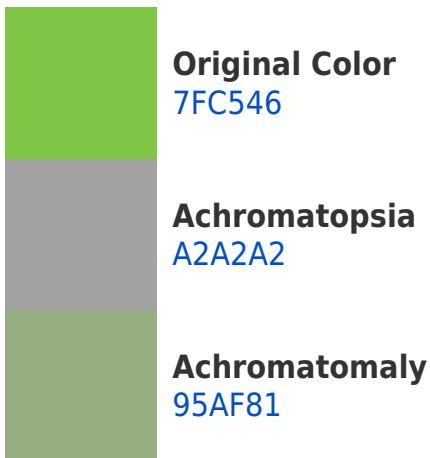


Tritanopia
92B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FC546 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 #7FC546 looks like.

```
.text, #text, p{  
    color:#7FC546  
}
```

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 #7FC546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FC546
}
```

Border

The CSS property to change the border of an element to Hex 7FC546 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
#7FC546 }
```

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

```
.border{ border-color:#7FC546 }
```

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

Here you see how a box with a 4 pixel #7FC546 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FC546; -webkit-box-shadow:4px 4px  
4px 4px #7FC546; box-shadow:4px 4px 4px  
4px #7FC546 }
```

Background

The CSS property to change the background color of an element to Hex 7FC546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FC546 }
```

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

```
.background{ background-color:#7FC546 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor