

Converting Colors

Hex(7FC457)

Have a look what the booklet for
Hex(7FC457) contains.

Hex(7FC457)	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(7FC457)

Conversions

Conversions Part 1

Format	Color
Hex	7FC457
RGB	127, 196, 87
RGB Percent	50%, 77%, 34%
CMY	0.5020, 0.2314, 0.6588
CMYK	0.35, 0.00, 0.56, 0.23
HSL	98°, 48%, 55%
HSV	98°, 56%, 77%
XYZ	30.2126, 44.6800, 16.0486
YIQ	162.9430, -6.1350, -48.5270

Conversions

Conversions Part 2

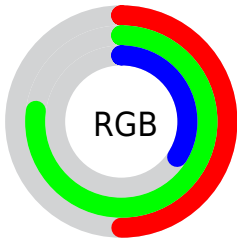
Format	Color
RYB	87, 196, 156
Decimal	8373335
CIELab	72.68, -41.01, 47.25
CIElCh	73, 62.566, 130.955
Yxy	44.6800, 0.3322, 0.4913
Android (android.graphics.Color)	4286563415 (0xFF7FC457)
YUV	162.9430, -37.4399, -31.5220
Hunter-Lab	66.8431, -36.2946, 32.5551

Details

The Hex color **7FC457** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9C57C4**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B7FD8C**, and **488E23** is the 20% darker color. If you saturate the color by 10%, you get **73C443**, and if you desaturate by 10%, it is **8BC46B**.

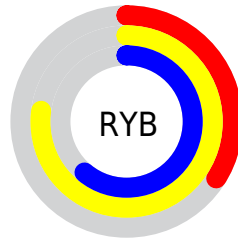
Distribution



Red (50%)

Green (77%)

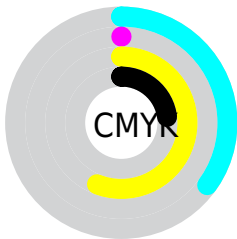
Blue (34%)



Red (34%)

Yellow (77%)

Blue (61%)

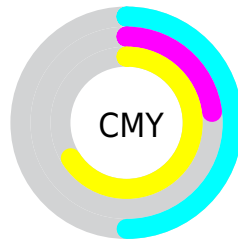


Cyan (35%)

Magenta (0%)

Yellow (56%)

Black (23%)



Cyan (50%)

Magenta (23%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FC457 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 7FC457 by changing the saturation by 10% instead.

 7FC457

 7FC457

FFFFFF

 64A83D

 B7FD8C

 488E23

 D4FFA7

 2C7401

 F1FFC3

 065B00

 FFFFDF

 004200

 FFFFFC

 002C00

 001100

 000000

 7FC457

 7FC457

 73C443

 8BC46B

 66C430

 98C47E

 5AC41C

 A4C492

 4DC409

 B1C4A5

 48C400

 BDC4B9

 C9C4CD

 D6C4E0

 E2C4F4

 EFC4FF

Harmonies

Analogous

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



BEB639



7FC457



00CC8B

Triad

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



7FC457



00C3FF



FF7FA0

Complementary

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



7FC457



9C57C4

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.



FF85D9



7FC457



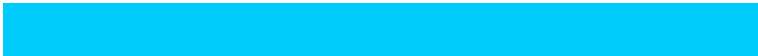
6DB2FF

Square

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



7FC457



00CCFC



D19AFF



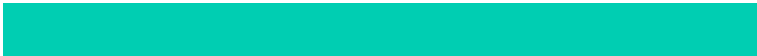
FF8C6A

Rectangle

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



7FC457



00CEB2



D19AFF



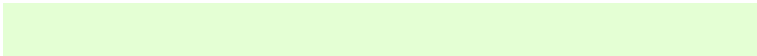
FF7EB3

Sweetspot

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



7FC457



E4FFD4



C49A57



6F8066



000000



808080

Same Dimension

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



7FC457



93FF54



57C464



5B6157



3BA100



0C2100

Inverse Universe

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



9C57C4



C054FF



C457B7



5D5761



6600A1



150021

Previews

White Background



This preview shows how the Hex color 7FC457 looks on a white background.

Color Contrast Check

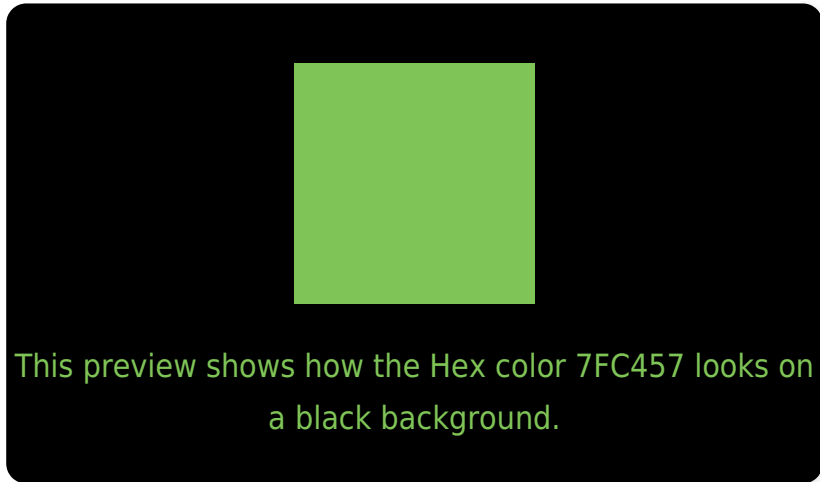
Large Text (above 18pt) WCAG AA × Fail

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 7FC457 Background



This preview shows how black text looks on a background with the Hex color 7FC457.

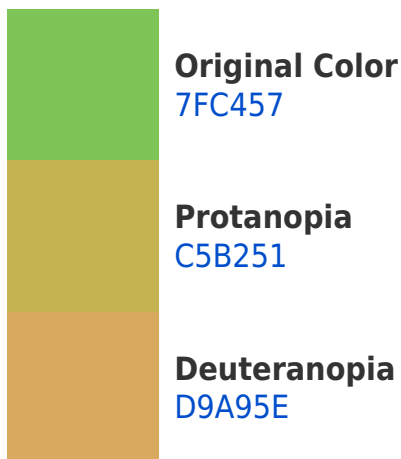


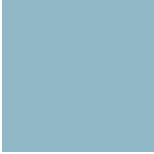
This preview shows how white text looks on a background with the Hex color 7FC457.

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](#).

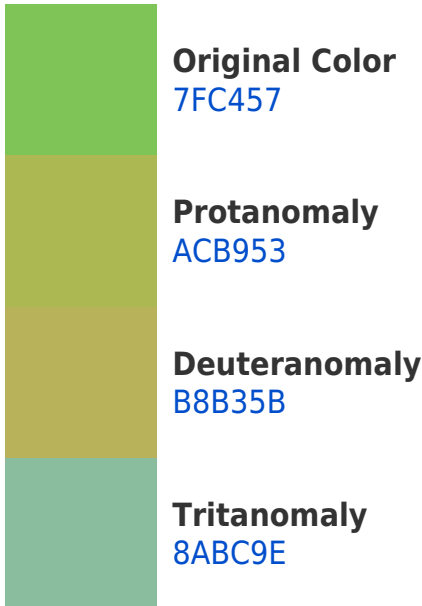
Dichromacy



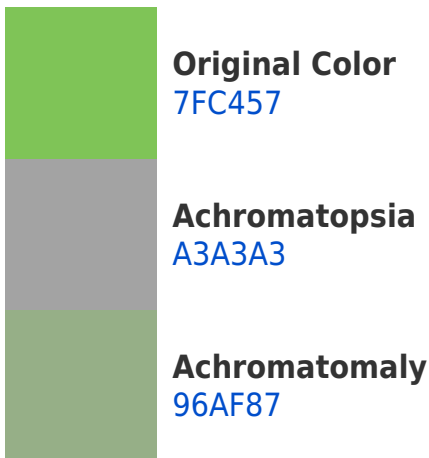


Tritanopia
91B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FC457 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 #7FC457 looks like.

```
.text, #text, p{  
    color:#7FC457  
}
```

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 #7FC457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FC457
}
```

Border

The CSS property to change the border of an element to Hex 7FC457 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
#7FC457 }
```

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

```
.border{ border-color:#7FC457 }
```

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

Here you see how a box with a 4 pixel #7FC457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FC457; -webkit-box-shadow:4px 4px  
4px 4px #7FC457; box-shadow:4px 4px 4px  
4px #7FC457 }
```

Background

The CSS property to change the background color of an element to Hex 7FC457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FC457 }
```

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

```
.background{ background-color:#7FC457 }
```

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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