

Converting Colors

Hex(7ECA72)

Have a look what the booklet for
Hex(7ECA72) contains.

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Color

Hex(7ECA72)

Conversions

Conversions Part 1

Format	Color
Hex	7ECA72
RGB	126, 202, 114
RGB Percent	49%, 79%, 45%
CMY	0.5059, 0.2078, 0.5529
CMYK	0.38, 0.00, 0.44, 0.21
HSL	112°, 45%, 62%
HSV	112°, 44%, 79%
XYZ	32.7620, 47.8916, 23.4369
YIQ	169.2440, -17.0480, -43.4800

Conversions

Conversions Part 2

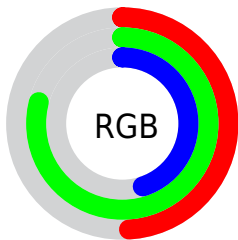
Format	Color
RYB	114, 202, 190
Decimal	8309362
CIELab	74.76, -40.62, 36.62
CIELCh	75, 54.685, 137.965
Yxy	47.8916, 0.3147, 0.4601
Android (android.graphics.Color)	4286499442 (0xFF7ECA72)
YUV	169.2440, -27.2353, -37.9250
Hunter-Lab	69.2037, -36.6023, 28.3632

Details

The Hex color **7ECA72** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BE72CA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B6FFA7**, and **489340** is the 20% darker color. If you saturate the color by 10%, you get **6DCA5E**, and if you desaturate by 10%, it is **8FCA86**.

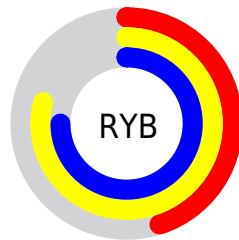
Distribution



Red (49%)

Green (79%)

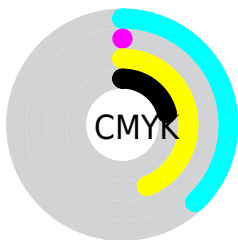
Blue (45%)



Red (45%)

Yellow (79%)

Blue (75%)

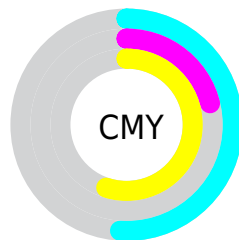


Cyan (38%)

Magenta (0%)

Yellow (44%)

Black (21%)



Cyan (51%)

Magenta (21%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ECA72 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 7ECA72 by changing the saturation by 10% instead.

 7ECA72

 7ECA72

FFFFFF

 63AE59

 B6FFA7

 489340

 D2FFC3

 2B7928

 EFFFFD

 05600E

 FFFFFC

 004700

 003000

 001900

 000000

 7ECA72

 7ECA72

 6DCA5E

 8FCA86

 5BCA4A

 A1CA9A

 4ACA35

 B2CAAF

 38CA21

 C4CAC3

 27CA0D

 D5CAD7

 1CCA00

 E7CAEB

 F8CAFF

 FFCAFF

Harmonies

Analogous

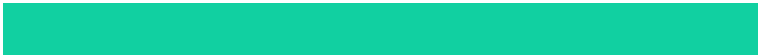
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8BF54



7ECA72



11D0A1

Triad

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



7ECA72



00C3FF



FF8E9C

Complementary

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



7ECA72



BE72CA

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.



FF90CE



7ECA72



9AB3FF

Square

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



7ECA72



00CDFE



E29FFC



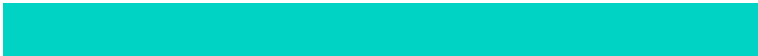
FF9C6F

Rectangle

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



7ECA72



00D2C4



E29FFC



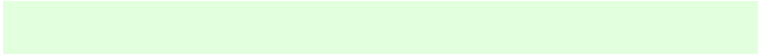
FF8DAC

Sweetspot

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



7ECA72



E2FFDE



CABD72



6E806B



000000



808080

Same Dimension

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



7ECA72



8CFF7A



72CA91



5D665C



17A600



052600

Inverse Universe

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



BE72CA



ED7AFF



CA72AB



655C66



8F00A6



210026

Previews

White Background



This preview shows how the Hex color 7ECA72 looks on a white background.

Color Contrast Check

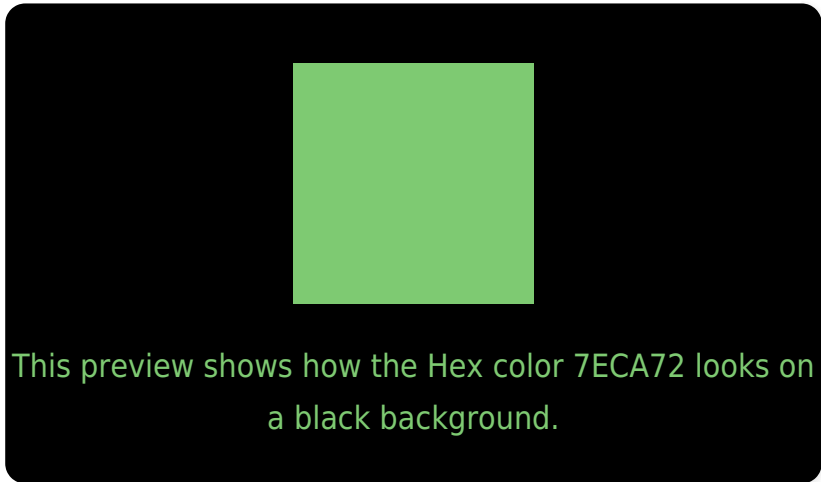
Large Text (above 18pt) WCAG AA × Fail

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

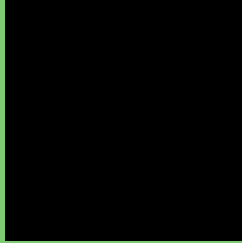
Any Text WCAG AA ✓ Pass

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 7ECA72 Background



This preview shows how black text looks on a background with the Hex color 7ECA72.

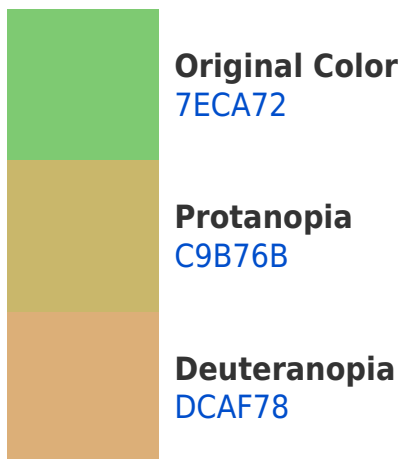


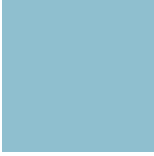
This preview shows how white text looks on a background with the Hex color 7ECA72.

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](#).

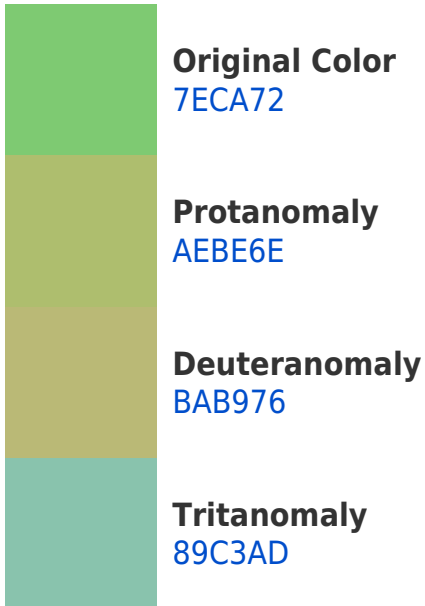
Dichromacy



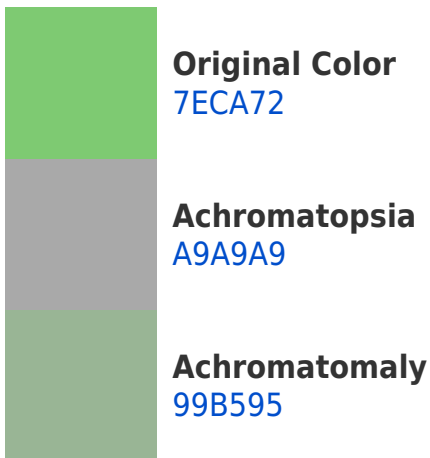


Tritanopia
8FBFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7ECA72 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 #7ECA72 looks like.

```
.text, #text, p{  
    color:#7ECA72  
}
```

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 #7ECA72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ECA72
}
```

Border

The CSS property to change the border of an element to Hex 7ECA72 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
#7ECA72 }
```

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

```
.border{ border-color:#7ECA72 }
```

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

Here you see how a box with a 4 pixel #7ECA72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ECA72; -webkit-box-shadow:4px 4px  
4px 4px #7ECA72; box-shadow:4px 4px 4px  
4px #7ECA72 }
```

Background

The CSS property to change the background color of an element to Hex 7ECA72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ECA72 }
```

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

```
.background{ background-color:#7ECA72 }
```

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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