

Converting Colors

Hex(7CA961)

Have a look what the booklet for
Hex(7CA961) contains.

Hex(7CA961)	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(7CA961)

Conversions

Conversions Part 1

Format	Color
Hex	7CA961
RGB	124, 169, 97
RGB Percent	49%, 66%, 38%
CMY	0.5137, 0.3373, 0.6196
CMYK	0.27, 0.00, 0.43, 0.34
HSL	98°, 30%, 52%
HSV	98°, 43%, 66%
XYZ	24.6578, 33.5241, 16.4805
YIQ	147.3370, -3.7080, -31.9320

Conversions

Conversions Part 2

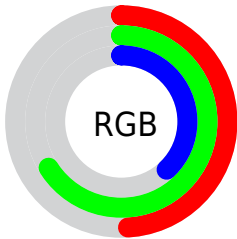
Format	Color
RYB	97, 169, 142
Decimal	8169825
CIELab	64.58, -28.45, 32.35
CIELCh	65, 43.081, 131.329
Yxy	33.5241, 0.3303, 0.4490
Android (android.graphics.Color)	4286359905 (0xFF7CA961)
YUV	147.3370, -24.8161, -20.4665
Hunter-Lab	57.9000, -25.3073, 23.6539

Details

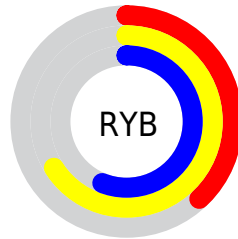
The Hex color **7CA961** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E61A9**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B2E095**, and **497531** is the 20% darker color. If you saturate the color by 10%, you get **71A950**, and if you desaturate by 10%, it is **87A972**.

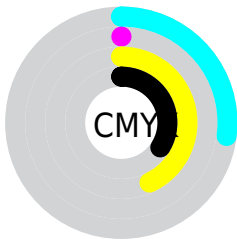
Distribution



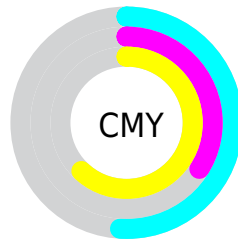
- Red (49%)
- Green (66%)
- Blue (38%)



- Red (38%)
- Yellow (66%)
- Blue (56%)



- Cyan (27%)
- Magenta (0%)
- Yellow (43%)
- Black (34%)



- Cyan (51%)
- Magenta (34%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CA961 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 7CA961 by changing the saturation by 10% instead.



7CA961



7CA961

FFFFFF



628E48



B2E095



497531



CEFDB0



305C19



EBFFCB



164400



FFFFE8



002D00



001900



000000



7CA961



7CA961



71A950



87A972

67A93F

91A983

5CA92E

9CA994

52A91D

A6A9A5

47A90D

B1A9B5

3FA900

BBA9C6

C6A9D7

D0A9E8

DBA9F9

Harmonies

Analogous

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



A69F4F



7CA961



46AF83

Triad

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



7CA961



0FA7E5



E67D8F

Complementary

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



7CA961



8E61A9

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.



D881B6



7CA961



799CE8

Square

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



7CA961



00AECE



B38DD7



E0856C

Rectangle

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



7CA961



00B09D



B38DD7



E47D9C

Sweetspot

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



7CA961



C9DBBF



A98D61



636E5C



EDEDED



6E6E6E

Same Dimension

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



7CA961



95DB6B



61A969



4F544C



379400



081400

Inverse Universe

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



8E61A9



B16BDB



A961A1



514C54



5C0094



0D0014

Previews

White Background



This preview shows how the Hex color 7CA961 looks on a white background.

Color Contrast Check

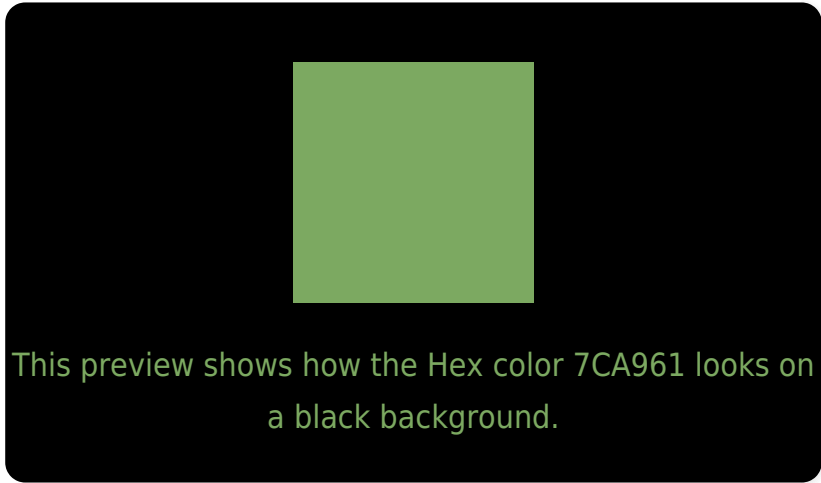
Large Text (above 18pt) WCAG AA × Fail

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

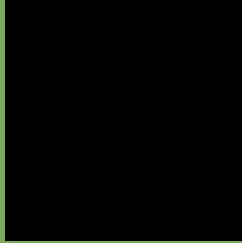
Any Text WCAG AA ✓ Pass

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 7CA961 Background



This preview shows how black text looks on a background with the Hex color 7CA961.

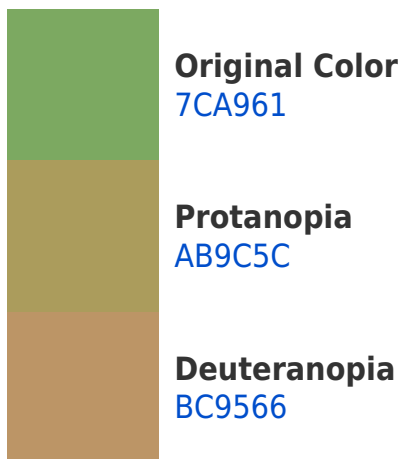


This preview shows how white text looks on a background with the Hex color 7CA961.

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](#).

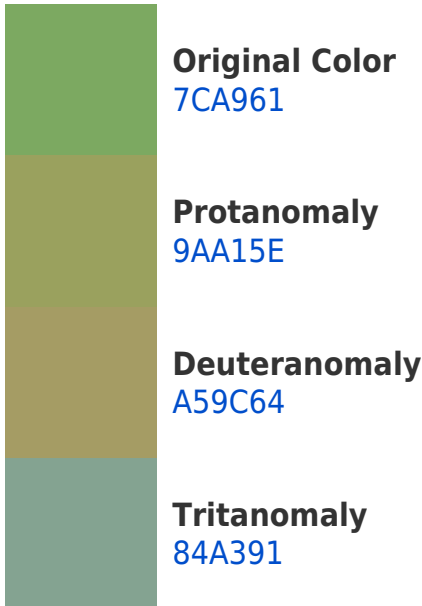
Dichromacy





Tritanopia
88A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CA961 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 #7CA961 looks like.

```
.text, #text, p{  
    color:#7CA961  
}
```

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 #7CA961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA961  
}
```

Border

The CSS property to change the border of an element to Hex 7CA961 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  
#7CA961 }
```

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

```
.border{ border-color:#7CA961 }
```

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

Here you see how a box with a 4 pixel #7CA961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA961; -webkit-box-shadow:4px 4px  
4px 4px #7CA961; box-shadow:4px 4px 4px  
4px #7CA961 }
```

Background

The CSS property to change the background color of an element to Hex 7CA961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA961 }
```

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

```
.background{ background-color:#7CA961 }
```

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