

Converting Colors

Hex(7CA650)

Have a look what the booklet for
Hex(7CA650) contains.

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Color

Hex(7CA650)

Conversions

Conversions Part 1

Format	Color
Hex	7CA650
RGB	124, 166, 80
RGB Percent	49%, 65%, 31%
CMY	0.5137, 0.3490, 0.6863
CMYK	0.25, 0.00, 0.52, 0.35
HSL	89°, 35%, 48%
HSV	89°, 52%, 65%
XYZ	23.3964, 32.1367, 12.5593
YIQ	143.6380, 2.5740, -35.6500

Conversions

Conversions Part 2

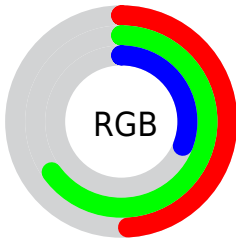
Format	Color
RYB	80, 166, 122
Decimal	8169040
CIELab	63.46, -29.12, 39.64
CIELCh	63, 49.186, 126.308
Yxy	32.1367, 0.3436, 0.4720
Android (android.graphics.Color)	4286359120 (0xFF7CA650)
YUV	143.6380, -31.3735, -17.2225
Hunter-Lab	56.6892, -25.5370, 26.5470

Details

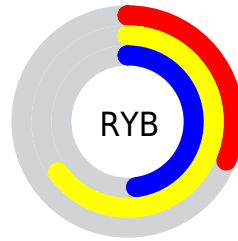
The Hex color **7CA650** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7A50A6**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B2DD83**, and **48721E** is the 20% darker color. If you saturate the color by 10%, you get **74A63F**, and if you desaturate by 10%, it is **84A661**.

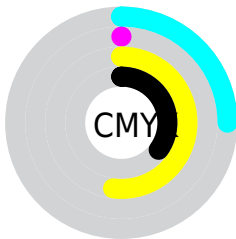
Distribution



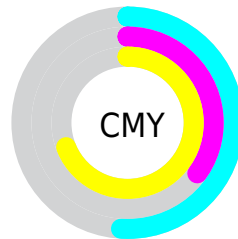
- Red (49%)
- Green (65%)
- Blue (31%)



- Red (31%)
- Yellow (65%)
- Blue (48%)



- Cyan (25%)
- Magenta (0%)
- Yellow (52%)
- Black (35%)



- Cyan (51%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CA650 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 7CA650 by changing the saturation by 10% instead.

 7CA650

 7CA650

FFFFFF

 628B37

 B2DD83

 48721E

 CFFA9E

 2F5902

 EBFFB9

 164100

 FFFFD6

 002B00

 FFFFF2

 001400

 000000

 7CA650

 7CA650

 74A63F

 84A661

 6CA62F

 8CA671

 64A61E

 94A682

 5CA60E

 9CA692

 55A600

 A5A6A3

 ADA6B4

 B5A6C4

 BDA6D5

 C5A6E5

Harmonies

Analogous

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



AA9A3F



7CA650



3CAD75

Triad

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



7CA650



00A8E9



EB7492

Complementary

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



7CA650



7A50A6

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.



D77ABE



7CA650



5C9BF1

Square

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



7CA650



00AECC



A98AE0



E77B68

Rectangle

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



7CA650



00AF93



A98AE0



E774A1

Sweetspot

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



7CA650



C8D9B6



A67A50



636E59



EDEDED



6E6E6E

Same Dimension

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



7CA650



97D952



51A650



50544C



4C9400



0A1400

Inverse Universe

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



7A50A6



9452D9



A550A6



504C54



480094



0A0014

Previews

White Background



This preview shows how the Hex color 7CA650 looks on a white background.

Color Contrast Check

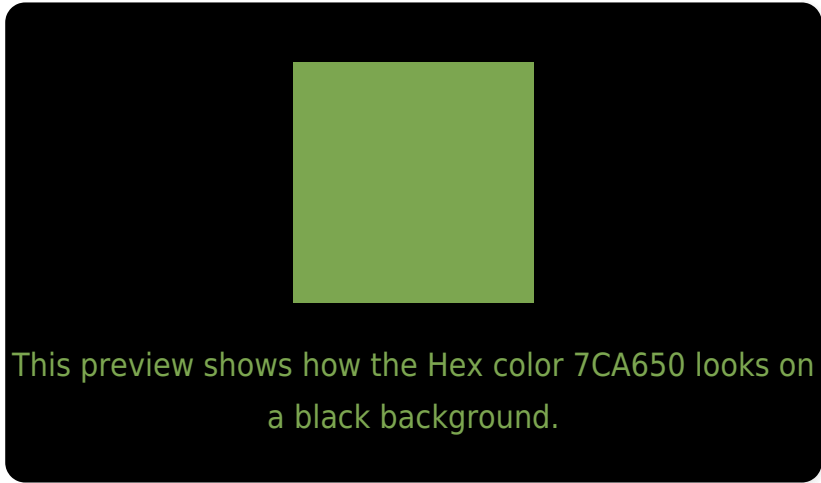
Large Text (above 18pt) WCAG AA × Fail

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

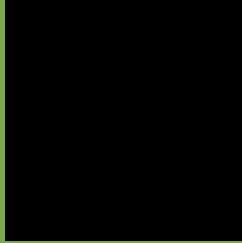
Any Text WCAG AA ✓ Pass

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 7CA650 Background



This preview shows how black text looks on a background with the Hex color 7CA650.

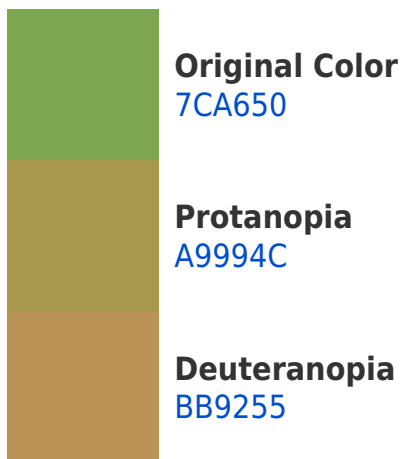


This preview shows how white text looks on a background with the Hex color 7CA650.

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](#).

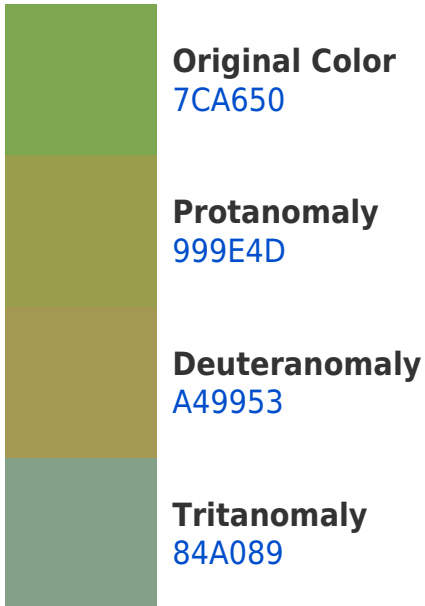
Dichromacy





Tritanopia
899CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CA650 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 #7CA650 looks like.

```
.text, #text, p{  
    color:#7CA650  
}
```

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 #7CA650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA650
}
```

Border

The CSS property to change the border of an element to Hex 7CA650 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
#7CA650 }
```

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

```
.border{ border-color:#7CA650 }
```

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

Here you see how a box with a 4 pixel #7CA650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA650; -webkit-box-shadow:4px 4px  
4px 4px #7CA650; box-shadow:4px 4px 4px  
4px #7CA650 }
```

Background

The CSS property to change the background color of an element to Hex 7CA650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA650 }
```

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

```
.background{ background-color:#7CA650 }
```

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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