

Converting Colors

Hex(7CA63C)

Have a look what the booklet for
Hex(7CA63C) contains.

Hex(7CA63C)	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(7CA63C)

Conversions

Conversions Part 1

Format	Color
Hex	7CA63C
RGB	124, 166, 60
RGB Percent	49%, 65%, 24%
CMY	0.5137, 0.3490, 0.7647
CMYK	0.25, 0.00, 0.64, 0.35
HSL	84°, 47%, 44%
HSV	84°, 64%, 65%
XYZ	22.7640, 31.8838, 9.2294
YIQ	141.3580, 8.9940, -41.8700

Conversions

Conversions Part 2

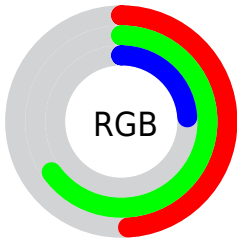
Format	Color
RYB	60, 166, 102
Decimal	8169020
CIELab	63.25, -31.07, 48.78
CIElCh	63, 57.833, 122.498
Yxy	31.8838, 0.3564, 0.4991
Android (android.graphics.Color)	4286359100 (0xFF7CA63C)
YUV	141.3580, -40.1095, -15.2230
Hunter-Lab	56.4657, -26.8532, 29.8350

Details

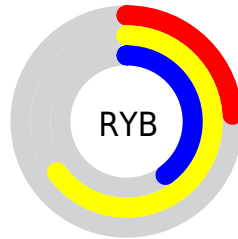
The Hex color **7CA63C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **663CA6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B3DD70**, and **477200** is the 20% darker color. If you saturate the color by 10%, you get **75A62B**, and if you desaturate by 10%, it is **83A64D**.

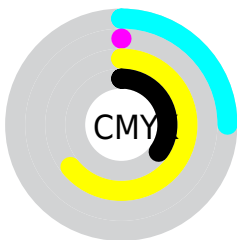
Distribution



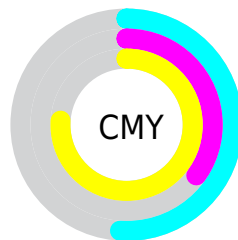
- Red (49%)
- Green (65%)
- Blue (24%)



- Red (24%)
- Yellow (65%)
- Blue (40%)



- Cyan (25%)
- Magenta (0%)
- Yellow (64%)
- Black (35%)



- Cyan (51%)
- Magenta (35%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7CA63C 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 7CA63C by changing the saturation by 10% instead.

 7CA63C

 7CA63C

FFFFFF

 618B21

 B3DD70

 477200

 D0FA8B

 2D5900

 EDFFA6

 104100

 FFFFC2

 002B00

 FFFFDE

 001300

 FFFFFB

 000000

 7CA63C

 7CA63C

 75A62B

 83A64D

 6FA61B

 89A65D

 68A60A

 90A66E

 64A600

 96A67E

 9DA68F

 A3A6A0

 AAA6B0

 B1A6C1

 B7A6D1

Harmonies

Analogous

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



B19829



7CA63C



29AE67

Triad

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



7CA63C



00ABF4



F56997

Complementary

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



7CA63C



663CA6

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.



DB74CA



7CA63C



219DFF

Square

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



7CA63C



00B1CF



A08AF0



F37165

Rectangle

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



7CA63C



00B18A



A08AF0



F06BA8

Sweetspot

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



7CA63C



C8D9B0



A6653C



646E54



EDEDED



6E6E6E

Same Dimension

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



7CA63C



97D932



48A63C



51544C



599400



0C1400

Inverse Universe

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



663CA6



7432D9



9A3CA6



4F4C54



3B0094



080014

Previews

White Background



This preview shows how the Hex color 7CA63C looks on a white background.

Color Contrast Check

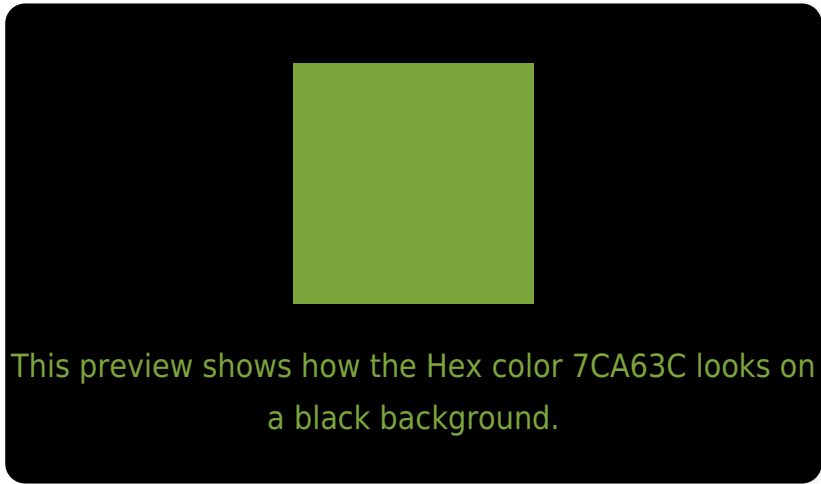
Large Text (above 18pt) WCAG AA × Fail

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 7CA63C Background



This preview shows how black text looks on a background with the Hex color 7CA63C.

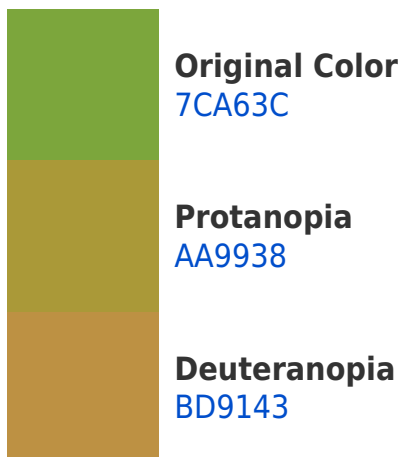


This preview shows how white text looks on a background with the Hex color 7CA63C.

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
8A9BA8

Trichromacy



Original Color
7CA63C

Protanomaly
999E39

Deuteranomaly
A59940

Tritanomaly
859F81

Monochromacy



Original Color
7CA63C

Achromatopsia
8D8D8D

Achromatomaly
879670

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CA63C 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 #7CA63C looks like.

```
.text, #text, p{  
    color:#7CA63C  
}
```

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 #7CA63C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA63C
}
```

Border

The CSS property to change the border of an element to Hex 7CA63C 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
#7CA63C }
```

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

```
.border{ border-color:#7CA63C }
```

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

Here you see how a box with a 4 pixel #7CA63C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA63C; -webkit-box-shadow:4px 4px  
4px 4px #7CA63C; box-shadow:4px 4px 4px  
4px #7CA63C }
```

Background

The CSS property to change the background color of an element to Hex 7CA63C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA63C }
```

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

```
.background{ background-color:#7CA63C }
```

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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