

Converting Colors

Hex(78A63C)

Have a look what the booklet for
Hex(78A63C) contains.

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Color

Hex(78A63C)

Conversions

Conversions Part 1

Format	Color
Hex	78A63C
RGB	120, 166, 60
RGB Percent	47%, 65%, 24%
CMY	0.5294, 0.3490, 0.7647
CMYK	0.28, 0.00, 0.64, 0.35
HSL	86°, 47%, 44%
HSV	86°, 64%, 65%
XYZ	22.1976, 31.5918, 9.2028
YIQ	140.1620, 6.6100, -42.7180

Conversions

Conversions Part 2

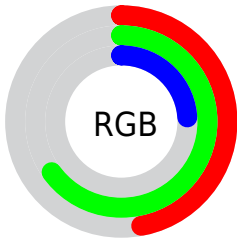
Format	Color
RYB	60, 166, 106
Decimal	7906876
CIELab	63.00, -32.62, 48.44
CIELCh	63, 58.404, 123.958
Yxy	31.5918, 0.3524, 0.5015
Android (android.graphics.Color)	4286096956 (0xFF78A63C)
YUV	140.1620, -39.5199, -17.6821
Hunter-Lab	56.2065, -27.8667, 29.6369

Details

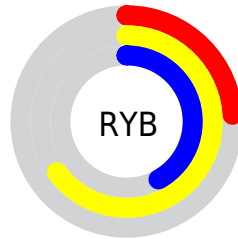
The Hex color **78A63C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A3CA6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **AFDD70**, and **437200** is the 20% darker color. If you saturate the color by 10%, you get **71A62B**, and if you desaturate by 10%, it is **7FA64D**.

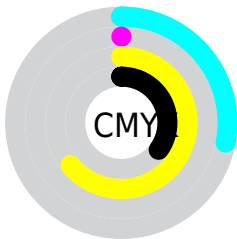
Distribution



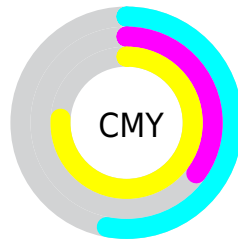
- Red (47%)
- Green (65%)
- Blue (24%)



- Red (24%)
- Yellow (65%)
- Blue (42%)



- Cyan (28%)
- Magenta (0%)
- Yellow (64%)
- Black (35%)



- Cyan (53%)
- Magenta (35%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A63C 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 78A63C by changing the saturation by 10% instead.

 78A63C

 78A63C

FFFFFF

 5D8B21

 AFDD70

 437200

 CBFA8B

 285900

 E8FFA6

 094100

 FFFFC2

 002B00

 FFFFDE

 001200

 FFFFFB

 000000

 78A63C

 78A63C

 71A62B

 7FA64D

 6AA61B

 86A65D

 62A60A

 8EA66E

 5EA600

 95A67E

 9CA68F

 A3A6A0

 AAA6B0

 B2A6C1

 B9A6D1

Harmonies

Analogous

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



AE9826



78A63C



1CAE69

Triad

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



78A63C



00AAF5



F66894

Complementary

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



78A63C



6A3CA6

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.



DD72C7



78A63C



2A9CFF

Square

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



78A63C



00B0D1



A388EF



F27161

Rectangle

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



78A63C



00B18C



A388EF



F169A5

Sweetspot

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



78A63C



C7D9B0



A66A3C



636E54



EDEDED



6E6E6E

Same Dimension

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



78A63C



90D932



43A63C



50544C



549400



0C1400

Inverse Universe

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



6A3CA6



7A32D9



9F3CA6



4F4C54



400094



090014

Previews

White Background



This preview shows how the Hex color 78A63C looks on a white background.

Color Contrast Check

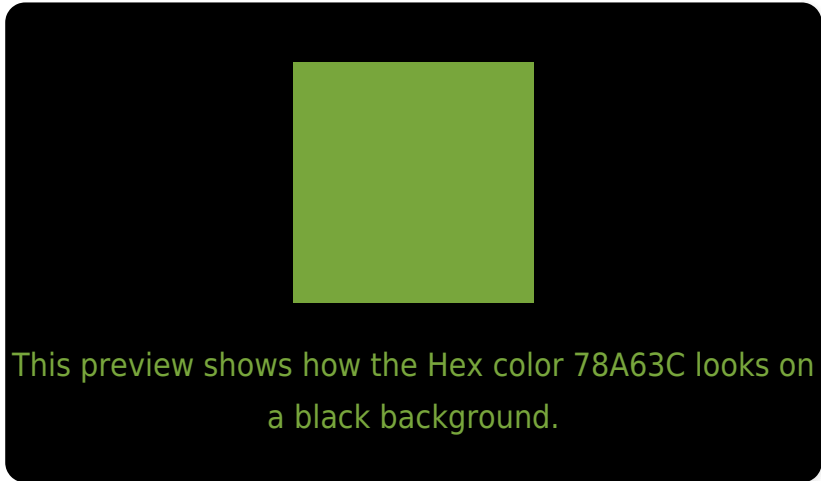
Large Text (above 18pt) WCAG AA × Fail

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 78A63C Background



This preview shows how black text looks on a background with the Hex color 78A63C.



This preview shows how white text looks on a background with the Hex color 78A63C.

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](#).

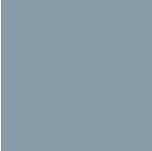
Dichromacy



Original Color
78A63C

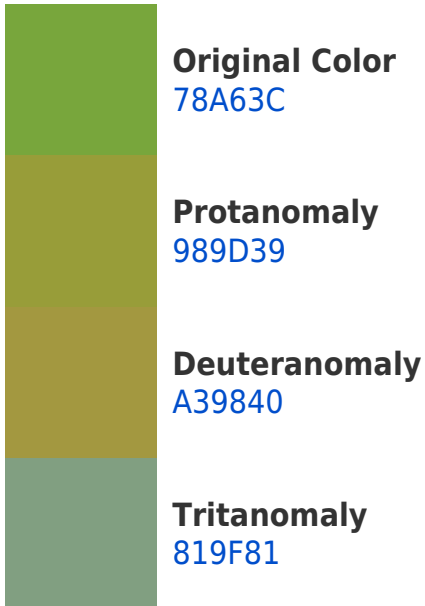
Protanopia
AA9838

Deuteranopia
BC9043



Tritanopia
869BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A63C 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 #78A63C looks like.

```
.text, #text, p{  
    color:#78A63C  
}
```

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 #78A63C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A63C
}
```

Border

The CSS property to change the border of an element to Hex 78A63C 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
#78A63C }
```

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

```
.border{ border-color:#78A63C }
```

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

Here you see how a box with a 4 pixel #78A63C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A63C; -webkit-box-shadow:4px 4px  
4px 4px #78A63C; box-shadow:4px 4px 4px  
4px #78A63C }
```

Background

The CSS property to change the background color of an element to Hex 78A63C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A63C }
```

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

```
.background{ background-color:#78A63C }
```

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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