

Converting Colors

Hex(789E4C)

Have a look what the booklet for
Hex(789E4C) contains.

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Color

Hex(789E4C)

Conversions

Conversions Part 1

Format	Color
Hex	789E4C
RGB	120, 158, 76
RGB Percent	47%, 62%, 30%
CMY	0.5294, 0.3804, 0.7020
CMYK	0.24, 0.00, 0.52, 0.38
HSL	88°, 35%, 46%
HSV	88°, 52%, 62%
XYZ	21.2771, 28.9686, 11.3076
YIQ	137.2900, 3.6740, -33.5580

Conversions

Conversions Part 2

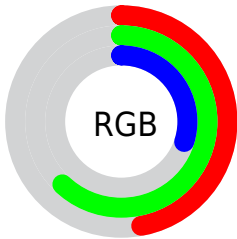
Format	Color
R_{YB}	76, 158, 114
Decimal	7904844
CIE _{Lab}	60.75, -27.24, 38.33
CIE _{LCh}	61, 47.021, 125.404
Yxy	28.9686, 0.3457, 0.4706
Android (android.graphics.Color)	4286094924 (0xFF789E4C)
YUV	137.2900, -30.2160, -15.1633
Hunter-Lab	53.8225, -23.6247, 25.2195

Details

The Hex color **789E4C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **724C9E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **AED57F**, and **456A1B** is the 20% darker color. If you saturate the color by 10%, you get **719E3C**, and if you desaturate by 10%, it is **7F9E5C**.

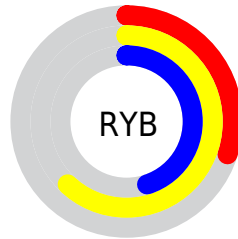
Distribution



Red (47%)

Green (62%)

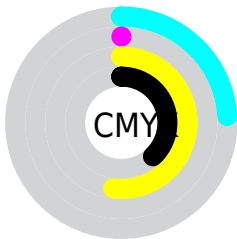
Blue (30%)



Red (30%)

Yellow (62%)

Blue (45%)

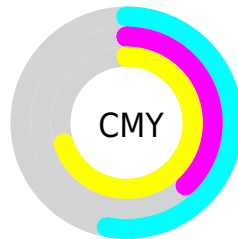


Cyan (24%)

Magenta (0%)

Yellow (52%)

Black (38%)



Cyan (53%)

Magenta (38%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789E4C 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 789E4C by changing the saturation by 10% instead.

 789E4C

 789E4C

FFFFFF

 5E8433

 AED57F

 456A1B

 CAF199

 2B5200

 E7FFB5

 133B00

 FFFFD1

 002500

 FFFFED

 000500

 000000

 789E4C

 789E4C

 719E3C

 7F9E5C

 699E2C

 879E6C

 629E1D

 8E9E7B

 5B9E0D

 959E8B

 559E00

 9D9E9B

 A49EAB

 AB9EBB

 B39ECA

 BA9EDA

Harmonies

Analogous

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



A4933C



789E4C



3DA56E

Triad

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



789E4C



00A0DD



DF6F8D

Complementary

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



789E4C



724C9E

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.



CC75B6



789E4C



5694E5

Square

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



789E4C



00A6C1



9F85D6



DC7565

Rectangle

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



789E4C



00A78B



9F85D6



DB709B

Sweetspot

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



789E4C



BFCFAE



9E714C



5F6955



E8E8E8



696969

Same Dimension

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



789E4C



93CF4E



509E4C



4B4F47



4D8F00



080F00

Inverse Universe

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



724C9E



8A4ECF



9A4C9E



4B474F



42008F



07000F

Previews

White Background



This preview shows how the Hex color 789E4C looks on a white background.

Color Contrast Check

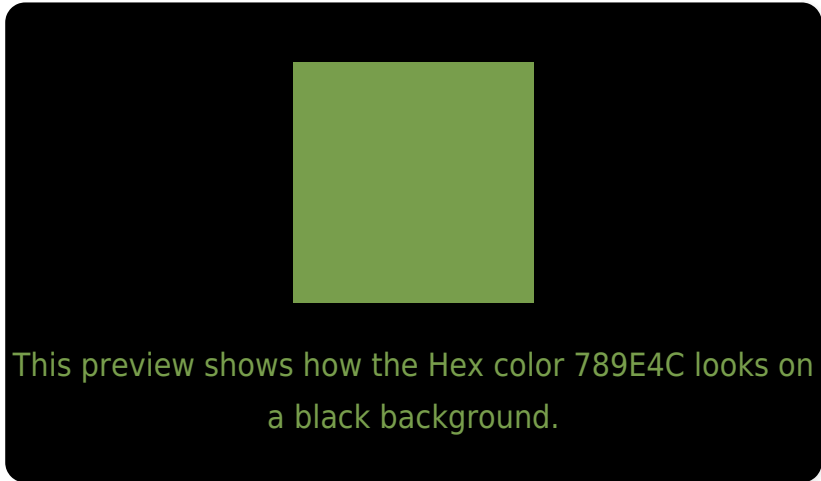
Large Text (above 18pt) WCAG AA ✓ Pass

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

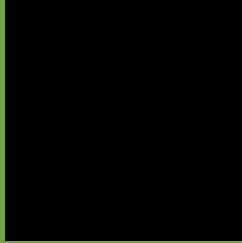
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 789E4C Background



This preview shows how black text looks on a background with the Hex color 789E4C.



This preview shows how white text looks on a background with the Hex color 789E4C.

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](#).

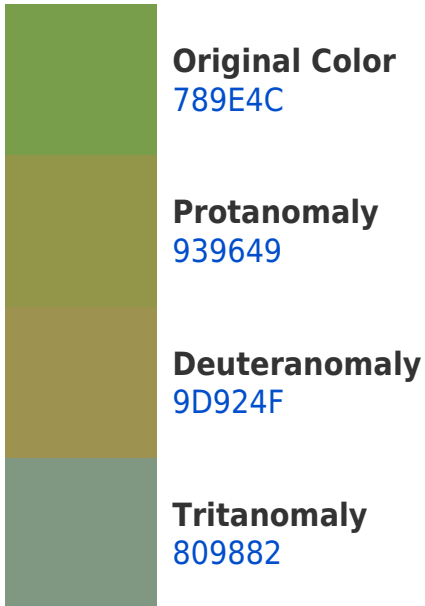
Dichromacy



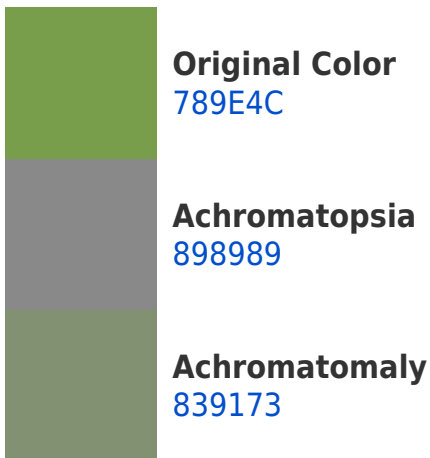


Tritanopia
8495A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789E4C 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 #789E4C looks like.

```
.text, #text, p{  
    color:#789E4C  
}
```

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 #789E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789E4C
}
```

Border

The CSS property to change the border of an element to Hex 789E4C 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
#789E4C }
```

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

```
.border{ border-color:#789E4C }
```

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

Here you see how a box with a 4 pixel #789E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789E4C; -webkit-box-shadow:4px 4px  
4px 4px #789E4C; box-shadow:4px 4px 4px  
4px #789E4C }
```

Background

The CSS property to change the background color of an element to Hex 789E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789E4C }
```

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

```
.background{ background-color:#789E4C }
```

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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