

Converting Colors

Hex(7EAA44)

Have a look what the booklet for
Hex(7EAA44) contains.

Hex(7EAA44)	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(7EAA44)

Conversions

Conversions Part 1

Format	Color
Hex	7EAA44
RGB	126, 170, 68
RGB Percent	49%, 67%, 27%
CMY	0.5059, 0.3333, 0.7333
CMYK	0.26, 0.00, 0.60, 0.33
HSL	86°, 43%, 47%
HSV	86°, 60%, 67%
XYZ	24.0223, 33.6024, 10.6887
YIQ	145.2160, 6.5180, -41.0500

Conversions

Conversions Part 2

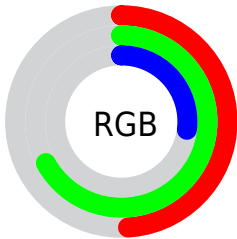
Format	Color
RYB	68, 170, 112
Decimal	8301124
CIELab	64.65, -31.48, 46.78
CIELCh	65, 56.391, 123.939
Yxy	33.6024, 0.3516, 0.4919
Android (android.graphics.Color)	4286491204 (0xFF7EAA44)
YUV	145.2160, -38.0675, -16.8524
Hunter-Lab	57.9676, -27.4713, 29.6448

Details

The Hex color **7EAA44** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7044AA**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B5E278**, and **49760C** is the 20% darker color. If you saturate the color by 10%, you get **77AA33**, and if you desaturate by 10%, it is **85AA55**.

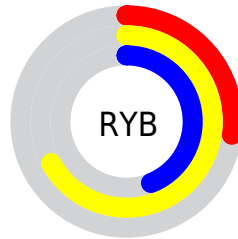
Distribution



Red (49%)

Green (67%)

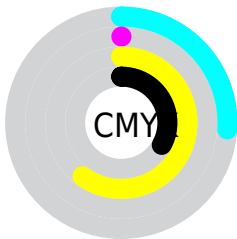
Blue (27%)



Red (27%)

Yellow (67%)

Blue (44%)

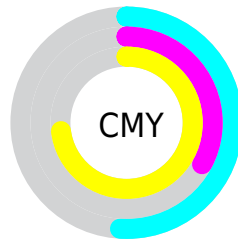


Cyan (26%)

Magenta (0%)

Yellow (60%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EAA44 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 7EAA44 by changing the saturation by 10% instead.



7EAA44



7EAA44

FFFFFF



638F2A



B5E278



49760C



D2FE93



2F5D00



EFFFAE



144500



FFFPCA



002E00



FFFPE7



001900



000000



7EAA44



7EAA44



77AA33



85AA55

■ 6FAA22

■ 8DAA66

■ 68AA11

■ 94AA77

■ 61AA00

■ 9BAA88

■ A3AA99

■ AAAAAA

■ B1AABB

■ B9AACC

■ C0AADD

Harmonies

Analogous

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



B29C31



7EAA44



2EB26E

Triad

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



7EAA44



00AEF7



F86F98

Complementary

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



7EAA44



7044AA

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.



E079CA



7EAA44



3EA0FF

Square

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



7EAA44



00B4D4



A88DF1



F57767

Rectangle

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



7EAA44



00B591



A88DF1



F370A9

Sweetspot

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



7EAA44



CDDEB6



AA6F44



667058



F0F0F0



707070

Same Dimension

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



7EAA44



99DE3E



4DAA44



51544C



549400



0C1400

Inverse Universe

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



7044AA



833EDE



A144AA



4F4C54



400094



090014

Previews

White Background



This preview shows how the Hex color 7EAA44 looks on a white background.

Color Contrast Check

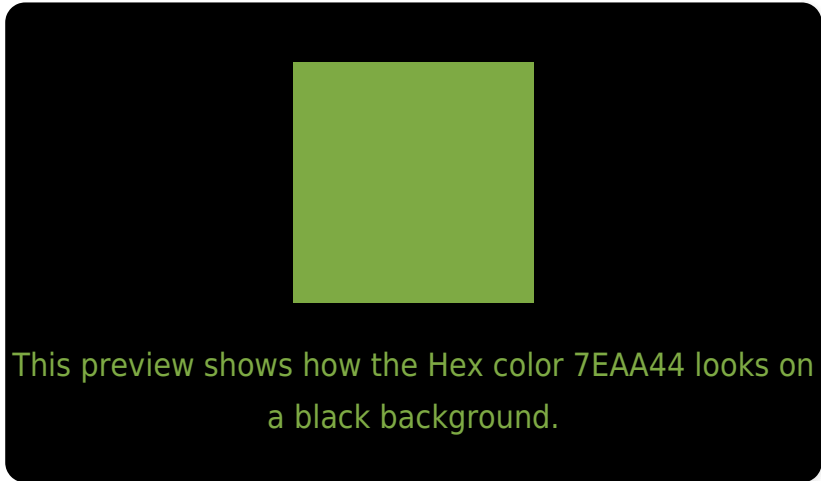
Large Text (above 18pt) WCAG AA × Fail

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 7EAA44 Background



This preview shows how black text looks on a background with the Hex color 7EAA44.



This preview shows how white text looks on a background with the Hex color 7EAA44.

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
7EAA44

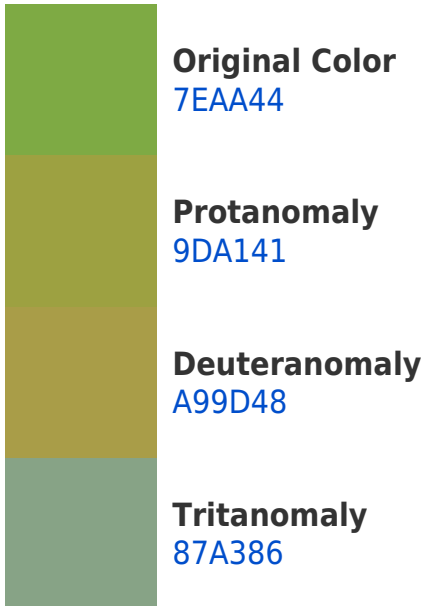
Protanopia
AE9C40

Deuteranopia
C1954A

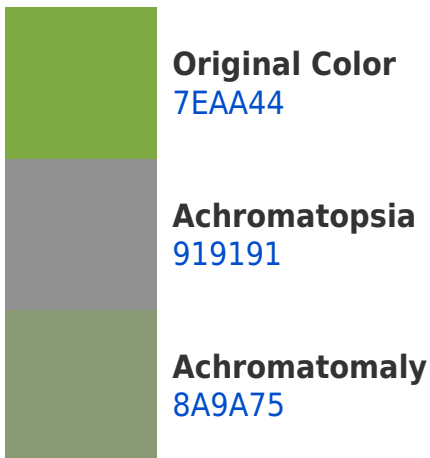


Tritanopia
8C9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EAA44 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 #7EAA44 looks like.

```
.text, #text, p{  
    color:#7EAA44  
}
```

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 #7EAA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EAA44  
}
```

Border

The CSS property to change the border of an element to Hex 7EAA44 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  
#7EAA44 }
```

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

```
.border{ border-color:#7EAA44 }
```

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

Here you see how a box with a 4 pixel #7EAA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EAA44; -webkit-box-shadow:4px 4px  
4px 4px #7EAA44; box-shadow:4px 4px 4px  
4px #7EAA44 }
```

Background

The CSS property to change the background color of an element to Hex 7EAA44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EAA44 }
```

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

```
.background{ background-color:#7EAA44 }
```

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