

Converting Colors

Hex(7EAE3E)

Have a look what the booklet for
Hex(7EAE3E) contains.

Hex(7EAE3E)	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(7EAE3E)

Conversions

Conversions Part 1

Format	Color
Hex	7EAE3E
RGB	126, 174, 62
RGB Percent	49%, 68%, 24%
CMY	0.5059, 0.3176, 0.7569
CMYK	0.28, 0.00, 0.64, 0.32
HSL	86°, 47%, 46%
HSV	86°, 64%, 68%
XYZ	24.6097, 35.0555, 10.0268
YIQ	146.8800, 7.3440, -45.0080

Conversions

Conversions Part 2

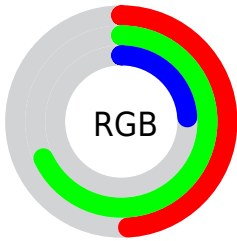
Format	Color
RYB	62, 174, 110
Decimal	8302142
CIELab	65.79, -33.87, 50.70
CIELCh	66, 60.975, 123.741
Yxy	35.0555, 0.3531, 0.5030
Android (android.graphics.Color)	4286492222 (0xFF7EAE3E)
YUV	146.8800, -41.8458, -18.3118
Hunter-Lab	59.2077, -29.4198, 31.4047

Details

The Hex color **7EAE3E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6E3EAE**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B6E673**, and **487900** is the 20% darker color. If you saturate the color by 10%, you get **77AE2D**, and if you desaturate by 10%, it is **85AE4F**.

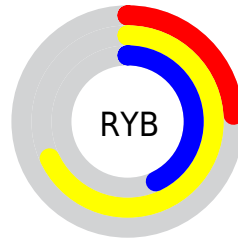
Distribution



Red (49%)

Green (68%)

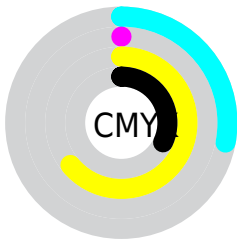
Blue (24%)



Red (24%)

Yellow (68%)

Blue (43%)

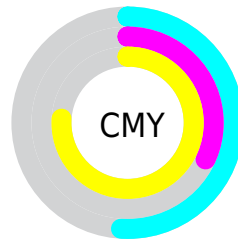


Cyan (28%)

Magenta (0%)

Yellow (64%)

Black (32%)



Cyan (51%)

Magenta (32%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EAE3E 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 7EAE3E by changing the saturation by 10% instead.

 7EAE3E

 7EAE3E

FFFFFF

 639323

 B6E673

 487900

 D2FF8D

 2D6000

 EFFFFA9

 104800

 FFFFC5

 003100

 FFFFEE1

 001D00

 000000

 7EAE3E

 7EAE3E

 77AE2D

 85AE4F

■ 6FAE1B

■ 8DAE61

■ 68AE0A

■ 94AE72

■ 63AE00

■ 9CAE84

■ A3AE95

■ ABAEA6

■ B2AEB8

■ BAAEC9

■ C1AEDB

Harmonies

Analogous

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



B69F27



7EAE3E



1CB76D

Triad

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



7EAE3E



00B2FF



FF6D9B

Complementary

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



7EAE3E



6E3EAE

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.



E878D1



7EAE3E



26A4FF

Square

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



7EAE3E



00B9DB



AB8EFB



FE7666

Rectangle

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



7EAE3E



00B992



AB8EFB



FD6EAE

Sweetspot

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



7EAE3E



D0E3B8



AE6D3E



677358



F2F2F2



737373

Same Dimension

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



7EAE3E



98E334



47AE3E



53574E



569600



0D1700

Inverse Universe

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



6E3EAE



7F34E3



A53EAE



524E57



400096



0A0017

Previews

White Background



This preview shows how the Hex color 7EAE3E looks on a white background.

Color Contrast Check

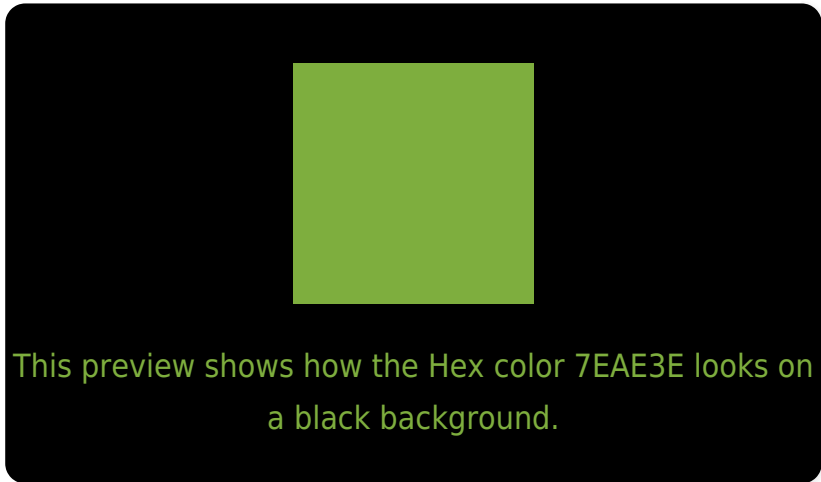
Large Text (above 18pt) WCAG AA × Fail

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 7EAE3E Background



This preview shows how black text looks on a background with the Hex color 7EAE3E.

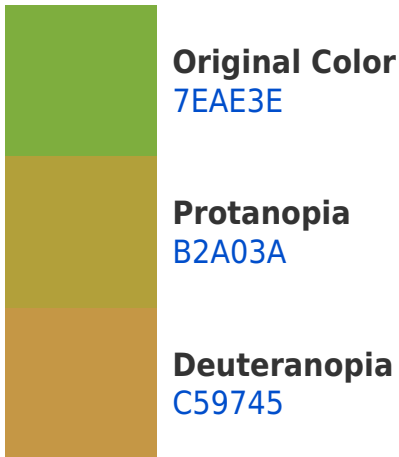


This preview shows how white text looks on a background with the Hex color 7EAE3E.

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](#).

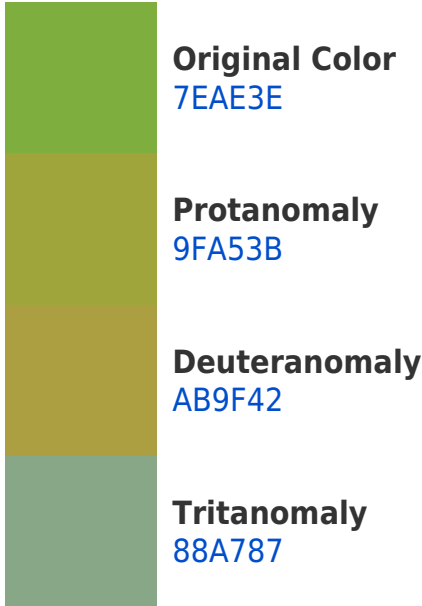
Dichromacy





Tritanopia
8DA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EAE3E 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 #7EAE3E looks like.

```
.text, #text, p{  
    color:#7EAE3E  
}
```

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 #7EAE3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EAE3E
}
```

Border

The CSS property to change the border of an element to Hex 7EAE3E 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
#7EAE3E }
```

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

```
.border{ border-color:#7EAE3E }
```

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

Here you see how a box with a 4 pixel #7EAE3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EAE3E; -webkit-box-shadow:4px 4px  
4px 4px #7EAE3E; box-shadow:4px 4px 4px  
4px #7EAE3E }
```

Background

The CSS property to change the background color of an element to Hex 7EAE3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EAE3E }
```

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

```
.background{ background-color:#7EAE3E }
```

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