

Converting Colors

Hex(E7A651)

Have a look what the booklet for
Hex(E7A651) contains.

Hex(E7A651)	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(E7A651)

Conversions

Conversions Part 1

Format	Color
Hex	E7A651
RGB	231, 166, 81
RGB Percent	91%, 65%, 32%
CMY	0.0941, 0.3490, 0.6824
CMYK	0.00, 0.28, 0.65, 0.09
HSL	34°, 76%, 61%
HSV	34°, 65%, 91%
XYZ	48.0764, 44.8554, 13.9086
YIQ	175.7450, 66.0250, -12.6550

Conversions

Conversions Part 2

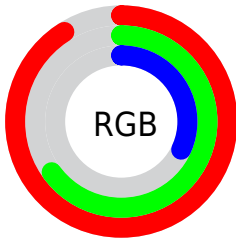
Format	Color
RYB	196, 231, 81
Decimal	15181393
CIELab	72.80, 15.64, 52.37
CIELCh	73, 54.658, 73.373
Yxy	44.8554, 0.4500, 0.4198
Android (android.graphics.Color)	4293371473 (0xFFE7A651)
YUV	175.7450, -46.7093, 48.4586
Hunter-Lab	66.9742, 10.9287, 34.5691

Details

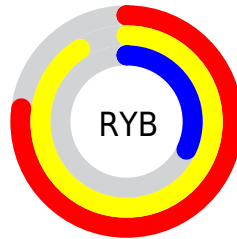
The Hex color **E7A651** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5192E7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFDD85**, and **AB721D** is the 20% darker color. If you saturate the color by 10%, you get **E79C3A**, and if you desaturate by 10%, it is **E7B068**.

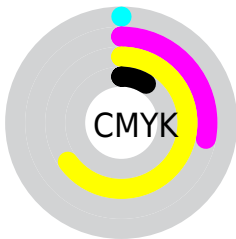
Distribution



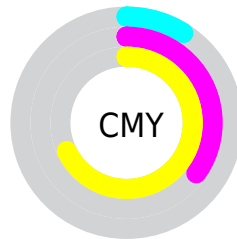
- Red (91%)
- Green (65%)
- Blue (32%)



- Red (77%)
- Yellow (91%)
- Blue (32%)



- Cyan (0%)
- Magenta (28%)
- Yellow (65%)
- Black (9%)



- Cyan (9%)
- Magenta (35%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7A651 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 E7A651 by changing the saturation by 10% instead.

 E7A651

 E7A651

FFFFFF

 C98C37

 FFDD85

 AB721D

 FFFAA0

 8E5A00

 FFFFBC

 724200

 FFFFD8

 562C00

 FFFFF5

 3B1700

 230000

 000000

 E7A651

 E7A651

 E79C3A

 E7B068

 E79223

 E7BA7F

 E7880C

 E7C496

 E78300

 E7CEAD

 E7D8C5

 E7E2DC

 E7ECF3

 E7F6FF

 E7FFFF

Harmonies

Analogous

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



FF9470



E7A651



BAB74D

Triad

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



E7A651



00CCC8



D39DFC

Complementary

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



E7A651



5192E7

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.



86B0FF



E7A651



00C9F6

Square

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



E7A651



2ACA94



00C0FF



FF8CD1

Rectangle

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



E7A651



96C05B



00C0FF



BDA3FF

Sweetspot

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



E7A651



FFEACF



E75192



807362



000000



808080

Same Dimension

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



E7A651



FFA938



DDE751



736E67



B36500



331D00

Inverse Universe

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



5192E7



388EFF



5B51E7



676C73



004DB3



001633

Previews

White Background



This preview shows how the Hex color E7A651 looks on a white background.

Color Contrast Check

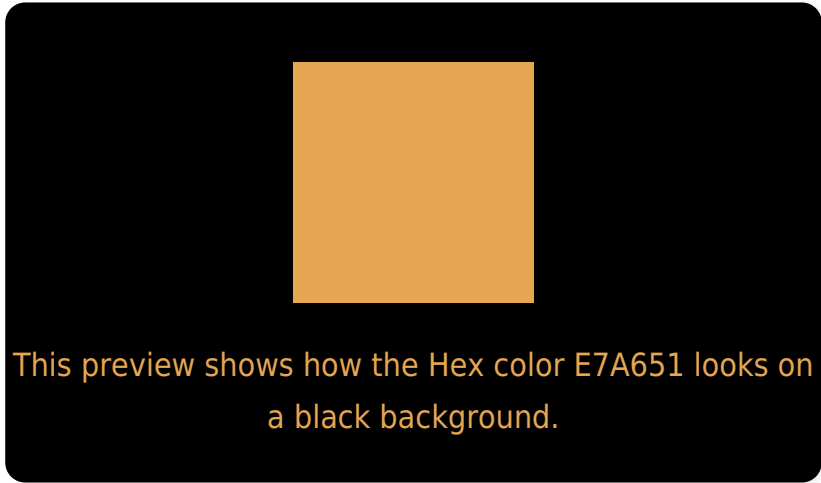
Large Text (above 18pt) WCAG AA × Fail

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 E7A651 Background



This preview shows how black text looks on a background with the Hex color E7A651.



This preview shows how white text looks on a background with the Hex color E7A651.

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](#).

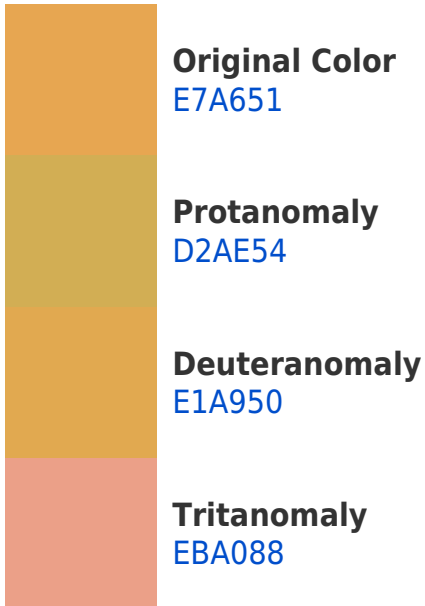
Dichromacy



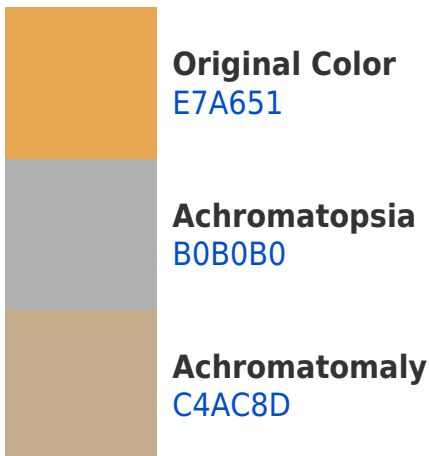


Tritanopia
ED9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7A651 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 #E7A651 looks like.

```
.text, #text, p{  
    color:#E7A651  
}
```

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 #E7A651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7A651
}
```

Border

The CSS property to change the border of an element to Hex E7A651 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
#E7A651 }
```

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

```
.border{ border-color:#E7A651 }
```

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

Here you see how a box with a 4 pixel #E7A651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7A651; -webkit-box-shadow:4px 4px  
4px 4px #E7A651; box-shadow:4px 4px 4px  
4px #E7A651 }
```

Background

The CSS property to change the background color of an element to Hex E7A651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7A651 }
```

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

```
.background{ background-color:#E7A651 }
```

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