

Converting Colors

Hex(E7A254)

Have a look what the booklet for
Hex(E7A254) contains.

Hex(E7A254)	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(E7A254)

Conversions

Conversions Part 1

Format	Color
Hex	E7A254
RGB	231, 162, 84
RGB Percent	91%, 64%, 33%
CMY	0.0941, 0.3647, 0.6706
CMYK	0.00, 0.30, 0.64, 0.09
HSL	32°, 75%, 62%
HSV	32°, 64%, 91%
XYZ	47.4756, 43.4697, 14.2758
YIQ	173.7390, 66.1620, -9.6300

Conversions

Conversions Part 2

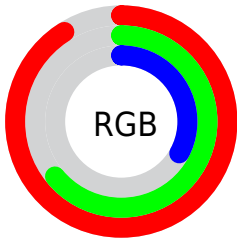
Format	Color
RYB	214, 231, 84
Decimal	15180372
CIELab	71.87, 17.96, 49.90
CIELCh	72, 53.033, 70.210
Yxy	43.4697, 0.4512, 0.4131
Android (android.graphics.Color)	4293370452 (0xFFE7A254)
YUV	173.7390, -44.2413, 50.2179
Hunter-Lab	65.9315, 13.1529, 33.3144

Details

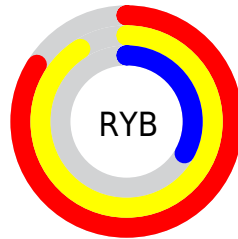
The Hex color **E7A254** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5499E7**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD988**, and **AB6E21** is the 20% darker color. If you saturate the color by 10%, you get **E7973D**, and if you desaturate by 10%, it is **E7AD6B**.

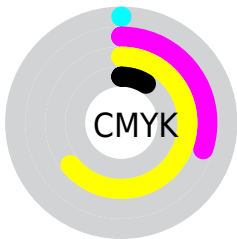
Distribution



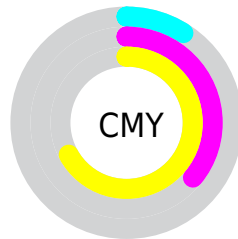
- Red (91%)
- Green (64%)
- Blue (33%)



- Red (84%)
- Yellow (91%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (64%)
- Black (9%)



- Cyan (9%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7A254 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 E7A254 by changing the saturation by 10% instead.

 E7A254

 E7A254

FFFFFF

 C9883B

 FFD988

 AB6E21

 FFF5A3

 8E5602

 FFFFBF

 723E00

 FFFFDB

 562800

 FFFFF8

 3B1300

 240000

 000000

 E7A254

 E7A254

 E7973D

 E7AD6B

 E78C26

 E7B882

 E7810F

 E7C399

 E77B00

 E7CDB0

 E7D8C8

 E7E3DF

 E7EEF6

 E7F9FF

 E7FFFF

Harmonies

Analogous

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



FF9174



E7A254



BDB34D

Triad

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



E7A254



00C9C0



C99DFA

Complementary

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



E7A254



5499E7

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.



7BB0FF



E7A254



00C6ED

Square

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



E7A254



3DC68E



00BEFF



F88CD2

Rectangle

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



E7A254



9BBC59



00BEFF



B3A3FF

Sweetspot

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



E7A254



FFE8CF



E7549B



807262



000000



808080

Same Dimension

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



E7A254



FFA43D



E5E754



736D67



B35F00



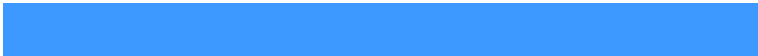
331B00

Inverse Universe

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



5499E7



3D98FF



5654E7



676D73



0054B3



001833

Previews

White Background



This preview shows how the Hex color E7A254 looks on a white background.

Color Contrast Check

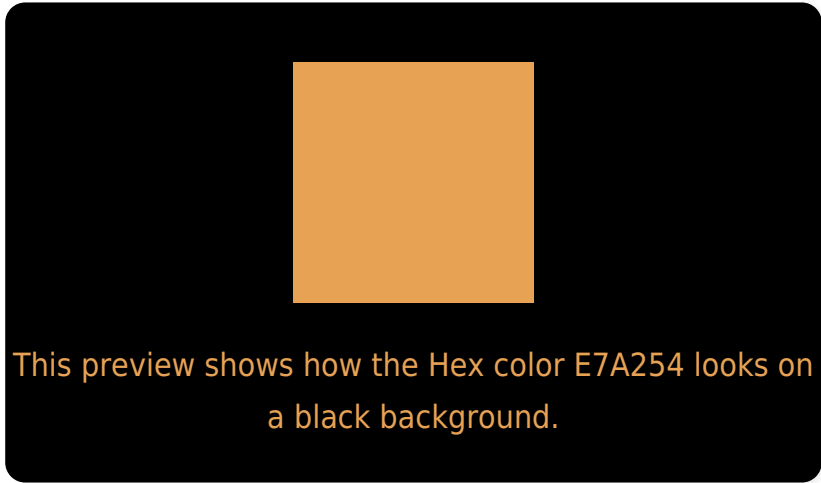
Large Text (above 18pt) WCAG AA × Fail

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

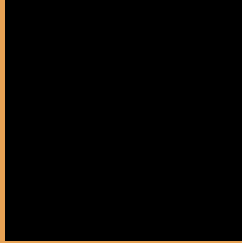
Any Text WCAG AA ✓ Pass

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 E7A254 Background



This preview shows how black text looks on a background with the Hex color E7A254.

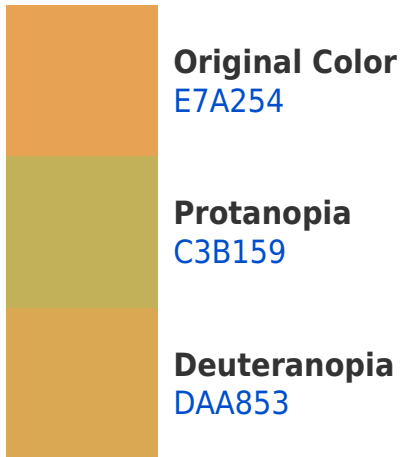


This preview shows how white text looks on a background with the Hex color E7A254.

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](#).

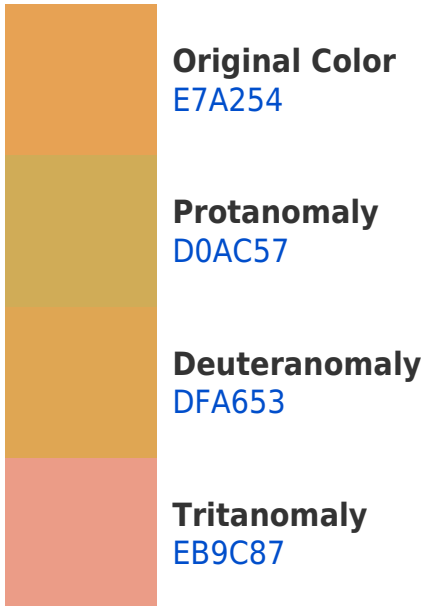
Dichromacy



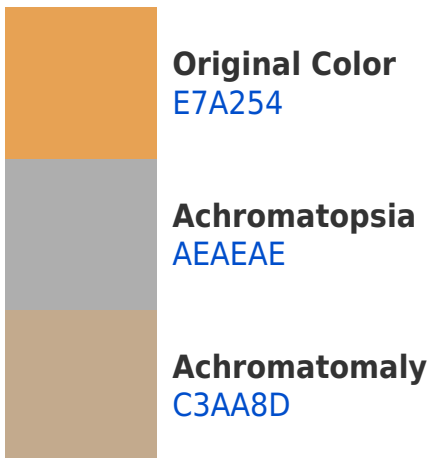


Tritanopia
ED99A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7A254 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 #E7A254 looks like.

```
.text, #text, p{  
    color:#E7A254  
}
```

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 #E7A254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7A254
}
```

Border

The CSS property to change the border of an element to Hex E7A254 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
#E7A254 }
```

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

```
.border{ border-color:#E7A254 }
```

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

Here you see how a box with a 4 pixel #E7A254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7A254; -webkit-box-shadow:4px 4px  
4px 4px #E7A254; box-shadow:4px 4px 4px  
4px #E7A254 }
```

Background

The CSS property to change the background color of an element to Hex E7A254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7A254 }
```

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

```
.background{ background-color:#E7A254 }
```

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