

# Converting Colors

Hex(E7A564)

Have a look what the booklet for  
Hex(E7A564) contains.

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# **Color**

**Hex(E7A564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A564
RGB	231, 165, 100
RGB Percent	91%, 65%, 39%
CMY	0.0941, 0.3529, 0.6078
CMYK	0.00, 0.29, 0.57, 0.09
HSL	30°, 73%, 65%
HSV	30°, 57%, 91%
XYZ	48.7104, 44.8193, 18.1403
YIQ	177.3240, 60.2010, -6.2230

# Conversions

## Conversions Part 2

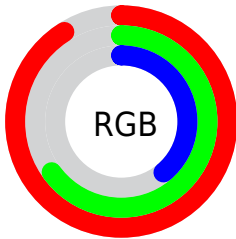
Format	Color
RYP	231, 229, 100
Decimal	15181156
CIELab	72.77, 17.49, 43.01
CIElCh	73, 46.425, 67.874
Yxy	44.8193, 0.4362, 0.4014
Android (android.graphics.Color)	4293371236 (0xFFE7A564)
YUV	177.3240, -38.1207, 47.0739
Hunter-Lab	66.9472, 12.7179, 30.7976

# Details

The Hex color **E7A564** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64A6E7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDC98**, and **AC7133** is the 20% darker color. If you saturate the color by 10%, you get **E7994D**, and if you desaturate by 10%, it is **E7B17B**.

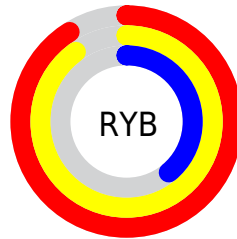
# Distribution



Red (91%)

Green (65%)

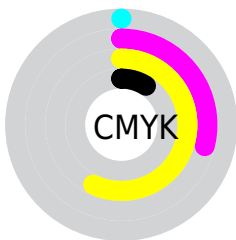
Blue (39%)



Red (91%)

Yellow (90%)

Blue (39%)

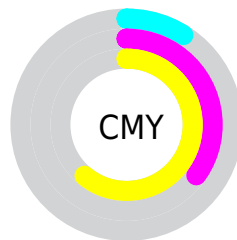


Cyan (0%)

Magenta (29%)

Yellow (57%)

Black (9%)



Cyan (9%)

Magenta (35%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7A564 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 E7A564 by changing the saturation by 10% instead.



 E7A564

 E7A564

FFFFFF

 C98B4B

 FFDC98

 AC7133

 FFF9B3

 8F591A

 FFFFCE

 734100

 FFFFEC

 582B00

 3D1500

 250000

 000000

 E7A564

 E7A564

 E7994D

 E7B17B

 E78E36

 E7BC92

 E7821F

 E7C8A9

 E77608

 E7D4C0

 E77300

 E7DFD8

 E7EBEF

 E7F6FF

 E7FFFF

# Harmonies

## Analogous

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



FF9781



E7A564



C2B45C

# Triad

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



E7A564



00C9BD



C5A3F6

# Complementary

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



E7A564



64A6E7

# 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.



83B3FF



E7A564



00C7E5

# Square

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



E7A564



5CC691



00C0FF



F095D3

# Rectangle

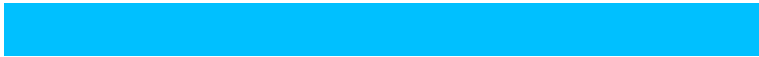
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7A564



A5BC65



00C0FF



B2A9FE

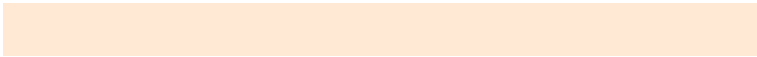


# Sweetspot

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



E7A564



FFE9D4



E764A8



807366



000000



808080



# Same Dimension

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



E7A564



FFA852



E7E564



736D67



B35900



331900



# Inverse Universe

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



64A6E7



52A9FF



6466E7



676D73



005AB3



001A33



# Previews

## White Background



This preview shows how the Hex color E7A564 looks on a white background.

## Color Contrast Check

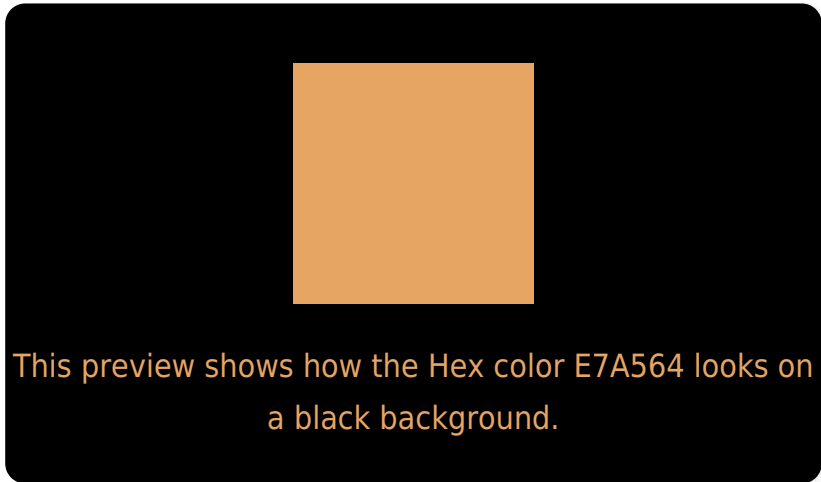
Large Text (above 18pt) WCAG AA × Fail

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 E7A564 Background



This preview shows how black text looks on a background with the Hex color E7A564.



This preview shows how white text looks on a background with the Hex color E7A564.

# 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**  
E7A564

**Protanopia**  
C4B369

**Deuteranopia**  
DBAB63



**Tritanopia**  
EC9DA9

# Trichromacy



**Original Color**  
E7A564

**Protanomaly**  
D1AE67

**Deuteranomaly**  
DFA963

**Tritanomaly**  
EAA090

# Monochromacy



**Original Color**  
E7A564

**Achromatopsia**  
B1B1B1

**Achromatomaly**  
C5AD95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7A564 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 #E7A564 looks like.

```
.text, #text, p{  
    color:#E7A564  
}
```

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 #E7A564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7A564
}
```

## Border

The CSS property to change the border of an element to Hex E7A564 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
#E7A564 }
```

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

```
.border{ border-color:#E7A564 }
```

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

Here you see how a box with a 4 pixel #E7A564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7A564; -webkit-box-shadow:4px 4px  
4px 4px #E7A564; box-shadow:4px 4px 4px  
4px #E7A564 }
```

# Background

The CSS property to change the background color of an element to Hex E7A564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7A564 }
```

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

```
.background{ background-color:#E7A564 }
```

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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