

Converting Colors

Hex(E6A776)

Have a look what the booklet for
Hex(E6A776) contains.

Hex(E6A776)	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(E6A776)

Conversions

Conversions Part 1

Format	Color
Hex	E6A776
RGB	230, 167, 118
RGB Percent	90%, 65%, 46%
CMY	0.0980, 0.3451, 0.5373
CMYK	0.00, 0.27, 0.49, 0.10
HSL	26°, 69%, 68%
HSV	26°, 49%, 90%
XYZ	49.7219, 45.7684, 23.3531
YIQ	180.2510, 53.2770, -1.8830

Conversions

Conversions Part 2

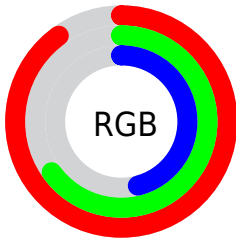
Format	Color
R_{YB}	230, 205, 118
Decimal	15116150
CIE _{Lab}	73.40, 17.55, 34.41
CIE _{LCh}	73, 38.630, 62.973
Yxy	45.7684, 0.4184, 0.3851
Android (android.graphics.Color)	4293306230 (0xFFE6A776)
YUV	180.2510, -30.6897, 43.6299
Hunter-Lab	67.6524, 12.7989, 26.8902

Details

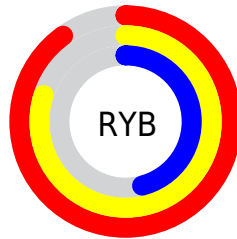
The Hex color **E6A776** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76B5E6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFDEAB**, and **AC7345** is the 20% darker color. If you saturate the color by 10%, you get **E69A5F**, and if you desaturate by 10%, it is **E6B48D**.

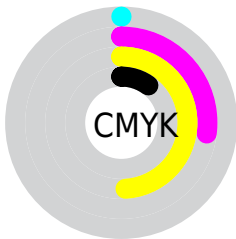
Distribution



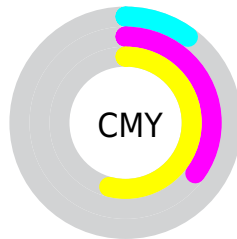
- Red (90%)
- Green (65%)
- Blue (46%)



- Red (90%)
- Yellow (80%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (49%)
- Black (10%)



- Cyan (10%)
- Magenta (35%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6A776 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 E6A776 by changing the saturation by 10% instead.

 E6A776

 E6A776

FFFFFF

 C98D5D

 FFDEAB

 AC7345

 FFFBC6

 905A2D

 FFFFE2

 744316

 592C00

 3F1700

 260000

 000000

 E6A776

 E6A776

 E69A5F

 E6B48D

 E68D48

 E6C1A4

 E68031

 E6CEBB

 E6731A

 E6DBD2

 E66603

 E6E8E9

 E66500

 E6F5FF

 E6FFFF

Harmonies

Analogous

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



F79D8F



E6A776



C8B36D

Triad

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



E6A776



48C7B7



BDAAF0

Complementary

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



E6A776



76B5E6

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.



87B7FB



E6A776



21C6DA

Square

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



E6A776



78C493



49C0F2



E49ED5

Rectangle

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



E6A776



B0BB72



49C0F2



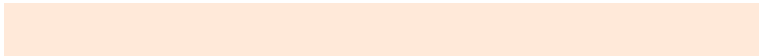
ACAEF5

Sweetspot

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



E6A776



FFE9D9



E676B5



807369



000000



808080

Same Dimension

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



E6A776



FFAC6B



E6DF76



736C67



B34E00



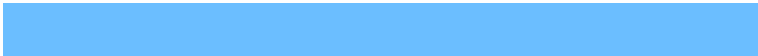
331600

Inverse Universe

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



76B5E6



6BBEFF



767DE6



676E73



0064B3



001D33

Previews

White Background



This preview shows how the Hex color E6A776 looks on a white background.

Color Contrast Check

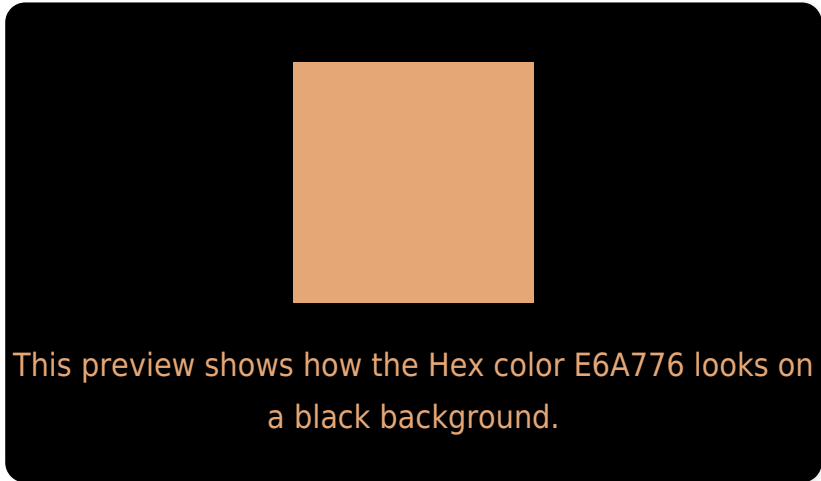
Large Text (above 18pt) WCAG AA × Fail

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

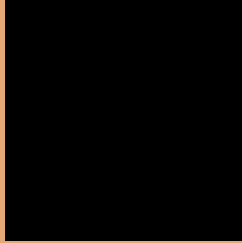
Any Text WCAG AA ✓ Pass

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 E6A776 Background



This preview shows how black text looks on a background with the Hex color E6A776.

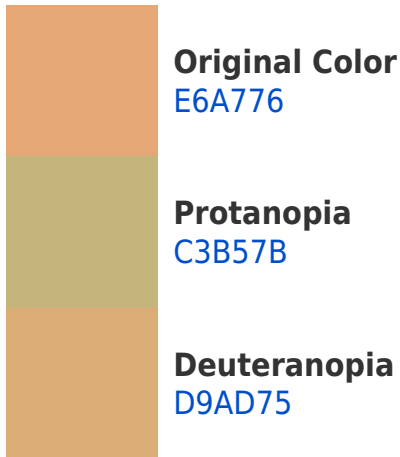


This preview shows how white text looks on a background with the Hex color E6A776.

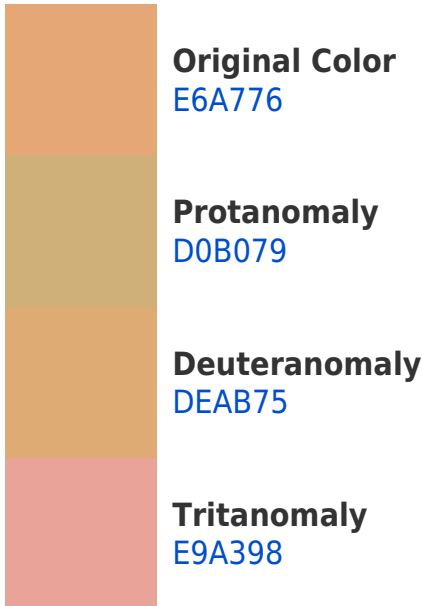
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6A776 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 #E6A776 looks like.

```
.text, #text, p{  
    color:#E6A776  
}
```

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 #E6A776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6A776
}
```

Border

The CSS property to change the border of an element to Hex E6A776 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
#E6A776 }
```

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

```
.border{ border-color:#E6A776 }
```

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

Here you see how a box with a 4 pixel #E6A776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6A776; -webkit-box-shadow:4px 4px  
4px 4px #E6A776; box-shadow:4px 4px 4px  
4px #E6A776 }
```

Background

The CSS property to change the background color of an element to Hex E6A776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6A776 }
```

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

```
.background{ background-color:#E6A776 }
```

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