

Converting Colors

Hex(E6A246)

Have a look what the booklet for
Hex(E6A246) contains.

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Color

Hex(E6A246)

Conversions

Conversions Part 1

Format	Color
Hex	E6A246
RGB	230, 162, 70
RGB Percent	90%, 64%, 27%
CMY	0.0980, 0.3647, 0.7255
CMYK	0.00, 0.30, 0.70, 0.10
HSL	34°, 76%, 59%
HSV	34°, 70%, 90%
XYZ	46.6589, 43.1059, 11.6554
YIQ	171.8440, 70.0600, -14.1960

Conversions

Conversions Part 2

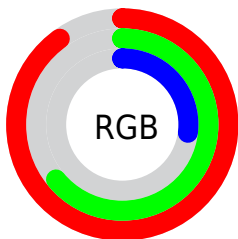
Format	Color
RYB	188, 230, 70
Decimal	15114822
CIELab	71.63, 16.73, 56.12
CIElCh	72, 58.558, 73.402
Yxy	43.1059, 0.4601, 0.4250
Android (android.graphics.Color)	4293304902 (0xFFE6A246)
YUV	171.8440, -50.2091, 51.0028
Hunter-Lab	65.6550, 11.9579, 35.4331

Details

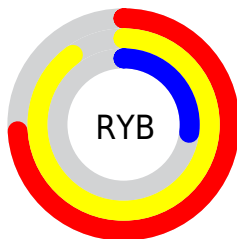
The Hex color **E6A246** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **468AE6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD97A**, and **AA6E0C** is the 20% darker color. If you saturate the color by 10%, you get **E6982F**, and if you desaturate by 10%, it is **E6AC5D**.

Distribution



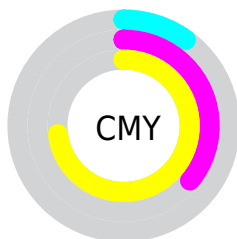
- Red (90%)
- Green (64%)
- Blue (27%)



- Red (74%)
- Yellow (90%)
- Blue (27%)



- Cyan (0%)
- Magenta (30%)
- Yellow (70%)
- Black (10%)



- Cyan (10%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6A246 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 E6A246 by changing the saturation by 10% instead.

 E6A246

 E6A246

FFFFFF

 C8882C

 FFD97A

 AA6E0C

 FFF595

 8D5600

 FFFFB1

 703F00

 FFFFCD

 542900

 FFFFEA

 391400

 220000

 000000

 E6A246

 E6A246

 E6982F

 E6AC5D

 E68E18

 E6B674

 E68501

 E6BF8B

 E68400

 E6C9A2

 E6D3B9

 E6DDD0

 E6E6E7

 E6F0FE

 E6FAFF

Harmonies

Analogous

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



FF8E68



E6A246



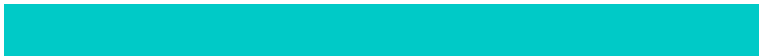
B6B441

Triad

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



E6A246



00CAC7



D298FE

Complementary

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



E6A246



468AE6

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.



7CADFF



E6A246



00C7F8

Square

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



E6A246



00C88F



00BEFF



FF85CF

Rectangle

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



E6A246



90BD51



00BEFF



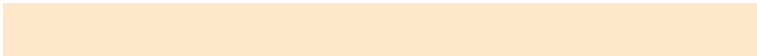
BA9FFF

Sweetspot

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



E6A246



FFE8C9



E6468B



807260



000000



808080

Same Dimension

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



E6A246



FFA52B



DBE646



736E67



B36700



331D00

Inverse Universe

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



468AE6



2B85FF



5146E6



676C73



004CB3



001633

Previews

White Background



This preview shows how the Hex color E6A246 looks on a white background.

Color Contrast Check

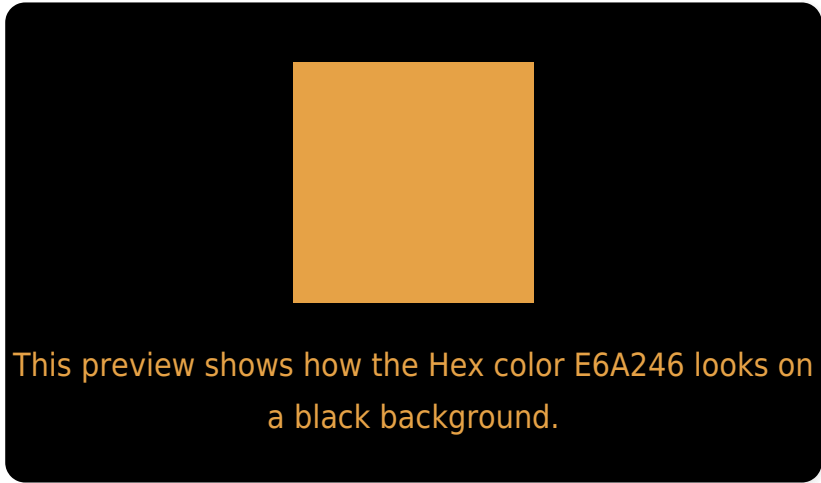
Large Text (above 18pt) WCAG AA × Fail

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 E6A246 Background



This preview shows how black text looks on a background with the Hex color E6A246.

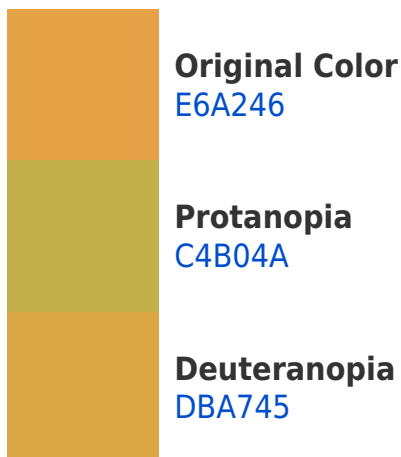


This preview shows how white text looks on a background with the Hex color E6A246.

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](#).

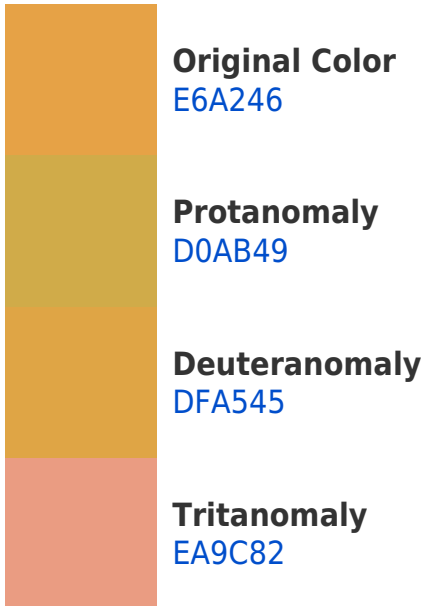
Dichromacy



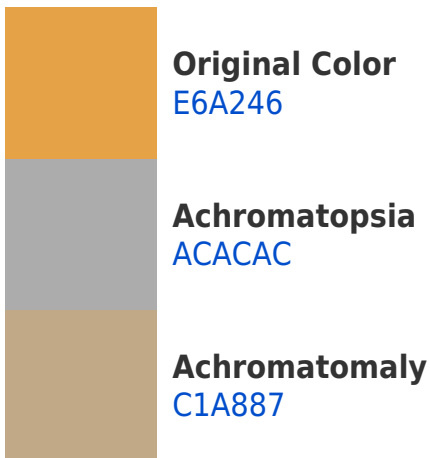


Tritanopia
EC98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6A246 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 #E6A246 looks like.

```
.text, #text, p{  
    color:#E6A246  
}
```

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 #E6A246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6A246
}
```

Border

The CSS property to change the border of an element to Hex E6A246 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
#E6A246 }
```

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

```
.border{ border-color:#E6A246 }
```

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

Here you see how a box with a 4 pixel #E6A246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6A246; -webkit-box-shadow:4px 4px  
4px 4px #E6A246; box-shadow:4px 4px 4px  
4px #E6A246 }
```

Background

The CSS property to change the background color of an element to Hex E6A246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6A246 }
```

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

```
.background{ background-color:#E6A246 }
```

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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