

Converting Colors

Hex(E6A84D)

Have a look what the booklet for
Hex(E6A84D) contains.

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Color

Hex(E6A84D)

Conversions

Conversions Part 1

Format	Color
Hex	E6A84D
RGB	230, 168, 77
RGB Percent	90%, 66%, 30%
CMY	0.0980, 0.3412, 0.6980
CMYK	0.00, 0.27, 0.67, 0.10
HSL	36°, 75%, 60%
HSV	36°, 67%, 90%
XYZ	47.9753, 45.3641, 13.2487
YIQ	176.1640, 66.1630, -15.1570

Conversions

Conversions Part 2

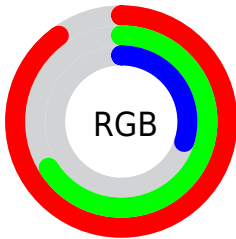
Format	Color
RYB	181, 230, 77
Decimal	15116365
CIELab	73.13, 13.92, 54.57
CIElCh	73, 56.315, 75.691
Yxy	45.3641, 0.4501, 0.4256
Android (android.graphics.Color)	4293306445 (0xFFE6A84D)
YUV	176.1640, -48.8879, 47.2142
Hunter-Lab	67.3529, 9.2777, 35.4843

Details

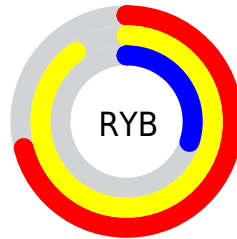
The Hex color **E6A84D** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4D8BE6**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFDF81**, and **AA7417** is the 20% darker color. If you saturate the color by 10%, you get **E69F36**, and if you desaturate by 10%, it is **E6B164**.

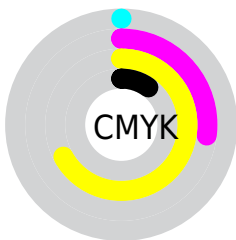
Distribution



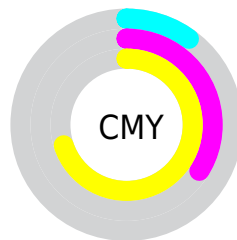
- Red (90%)
- Green (66%)
- Blue (30%)



- Red (71%)
- Yellow (90%)
- Blue (30%)



- Cyan (0%)
- Magenta (27%)
- Yellow (67%)
- Black (10%)



- Cyan (10%)
- Magenta (34%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6A84D 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 E6A84D by changing the saturation by 10% instead.

 E6A84D

 E6A84D

FFFFFF

 C88E33

 FFDF81

 AA7417

 FFFC9D

 8D5C00

 FFFF8B

 714400

 FFFFD4

 552E00

 FFFFF1

 3A1900

 220000

 000000

 E6A84D

 E6A84D

 E69F36

 E6B164

 E6951F

 E6BB7B

 E68C08

 E6C492

 E68900

 E6CDA9

 E6D7C0

 E6E0D7

 E6E9EE

 E6F3FF

 E6FCFF

Harmonies

Analogous

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



FF956C



E6A84D



B7B94B

Triad

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



E6A84D



00CDCE



DA9BFC

Complementary

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



E6A84D



4D8BE6

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.



8CB0FF



E6A84D



00CAFC

Square

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



E6A84D



00CC98



00C0FF



FF8ACE

Rectangle

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



E6A84D



92C25C



00C0FF



C4A2FF

Sweetspot

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



E6A84D



FFEACC



E64D8D



807361



000000



808080

Same Dimension

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



E6A84D



FFAC33



D9E64D



736E67



B36A00



331E00

Inverse Universe

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



4D8BE6



3386FF



5A4DE6



676C73



0048B3



001533

Previews

White Background



This preview shows how the Hex color E6A84D looks on a white background.

Color Contrast Check

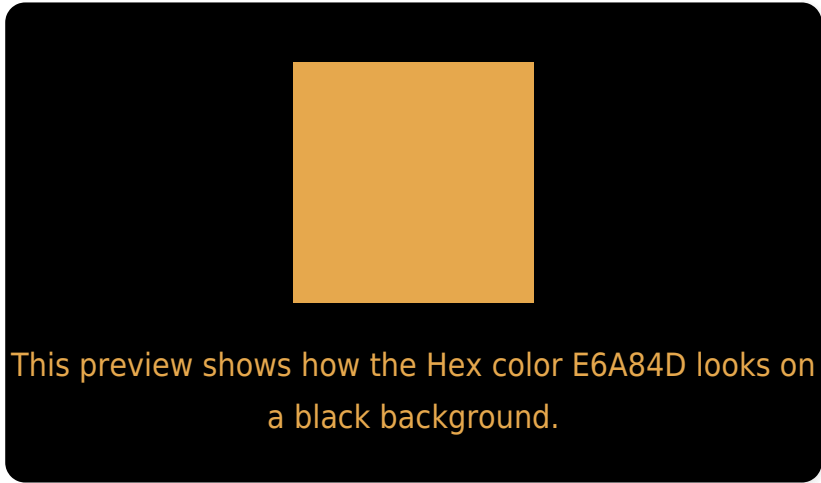
Large Text (above 18pt) WCAG AA × Fail

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

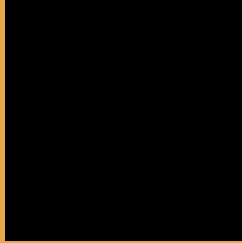
Any Text WCAG AA ✓ Pass

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 E6A84D Background



This preview shows how black text looks on a background with the Hex color E6A84D.

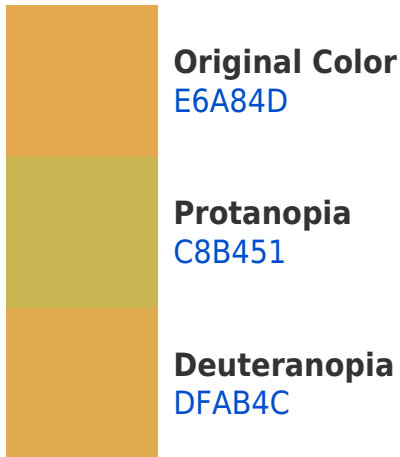


This preview shows how white text looks on a background with the Hex color E6A84D.

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](#).

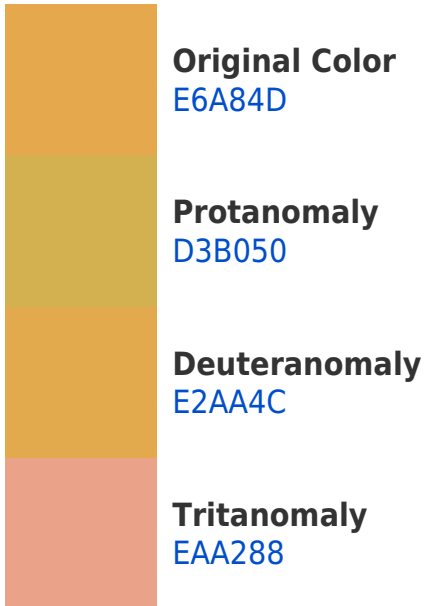
Dichromacy



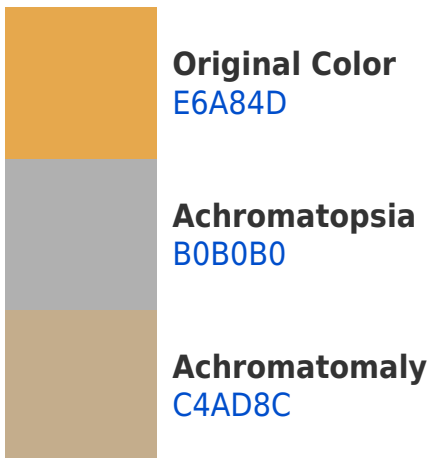


Tritanopia
ED9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6A84D 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 #E6A84D looks like.

```
.text, #text, p{  
    color:#E6A84D  
}
```

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 #E6A84D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6A84D
}
```

Border

The CSS property to change the border of an element to Hex E6A84D 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
#E6A84D }
```

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

```
.border{ border-color:#E6A84D }
```

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

Here you see how a box with a 4 pixel #E6A84D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6A84D; -webkit-box-shadow:4px 4px  
4px 4px #E6A84D; box-shadow:4px 4px 4px  
4px #E6A84D }
```

Background

The CSS property to change the background color of an element to Hex E6A84D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6A84D }
```

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

```
.background{ background-color:#E6A84D }
```

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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