

# Converting Colors

Hex(E1AE68)

Have a look what the booklet for  
Hex(E1AE68) contains.

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# **Color**

**Hex(E1AE68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1AE68
RGB	225, 174, 104
RGB Percent	88%, 68%, 41%
CMY	0.1176, 0.3176, 0.5922
CMYK	0.00, 0.23, 0.54, 0.12
HSL	35°, 67%, 65%
HSV	35°, 54%, 88%
XYZ	48.6861, 47.2791, 19.6565
YIQ	181.2690, 52.8660, -10.9580

# Conversions

## Conversions Part 2

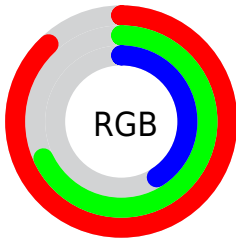
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 225, 104
Decimal	14790248
CIELab	74.37, 10.54, 42.77
CIELCh	74, 44.052, 76.153
Yxy	47.2791, 0.4211, 0.4089
Android (android.graphics.Color)	4292980328 (0xFFE1AE68)
YUV	181.2690, -38.0936, 38.3521
Hunter-Lab	68.7598, 6.0590, 31.1826

# Details

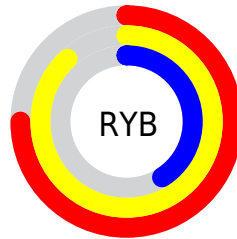
The Hex color **E1AE68** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **689BE1**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE59D**, and **A77A36** is the 20% darker color. If you saturate the color by 10%, you get **E1A552**, and if you desaturate by 10%, it is **E1B77E**.

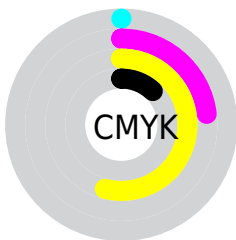
# Distribution



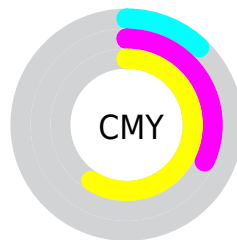
- Red (88%)
- Green (68%)
- Blue (41%)



- Red (75%)
- Yellow (88%)
- Blue (41%)



- Cyan (0%)
- Magenta (23%)
- Yellow (54%)
- Black (12%)



- Cyan (12%)
- Magenta (32%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1AE68 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 E1AE68 by changing the saturation by 10% instead.



 E1AE68

 E1AE68

FFFFFF

 C4934F

 FFE59D

 A77A36

 FFFFB8

 8B611E

 FFFFD4

 6F4902

 FFFFF0

 553300

 3A1E00


 220700

 000000

 E1AE68

 E1AE68

 E1A552

 E1B77E

 E19B3B

 E1C195

 E19225

 E1CAAC

 E1880E

 E1D4C2

 E18200

 E1DDD9

 E1E7EF

 E1F0FF

 E1FAFF

 E1FFFF

# Harmonies

## Analogous

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



FCA07E



E1AE68



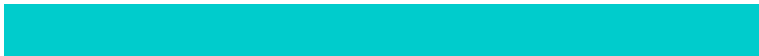
BBBB67

# Triad

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



E1AE68



00CCCC



D7A4EF

# Complementary

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



E1AE68



689BE1

# 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.



9EB3FF



E1AE68



00C9F0

# Square

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



E1AE68



56CBA2



51C0FF



F999CB

# Rectangle

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



E1AE68



9DC374



51C0FF



C6A9F8

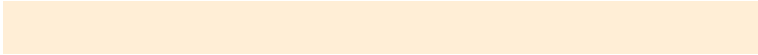


# Sweetspot

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



E1AE68



FFEED6



E1689C



807567



000000



808080



# Same Dimension

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



E1AE68



FFB959



D9E168



706B65



B06600



301C00

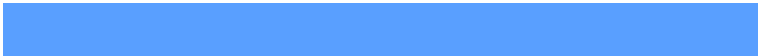


# Inverse Universe

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



689BE1



599FFF



7068E1



656A70



004AB0



001430



# Previews

## White Background



This preview shows how the Hex color E1AE68 looks on a white background.

## Color Contrast Check

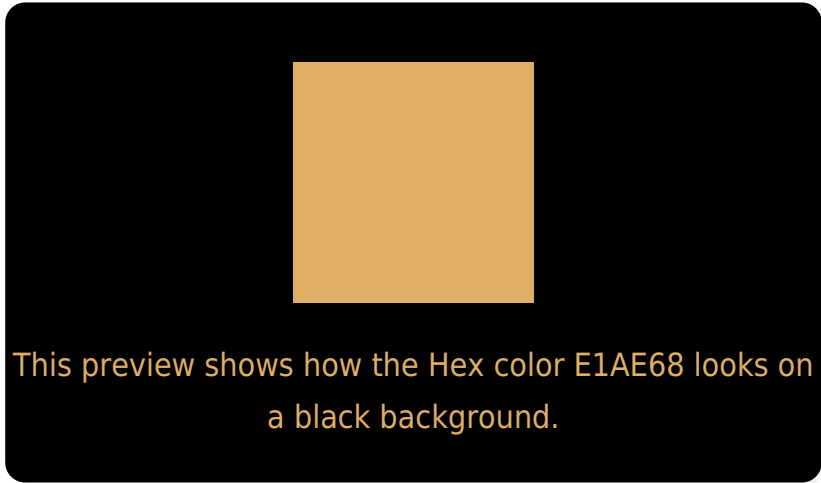
Large Text (above 18pt) WCAG AA × Fail

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

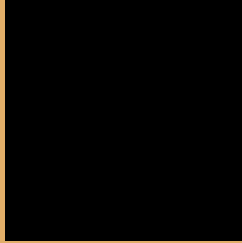
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E1AE68 Background



This preview shows how black text looks on a background with the Hex color E1AE68.



This preview shows how white text looks on a background with the Hex color E1AE68.

# 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**  
E1AE68

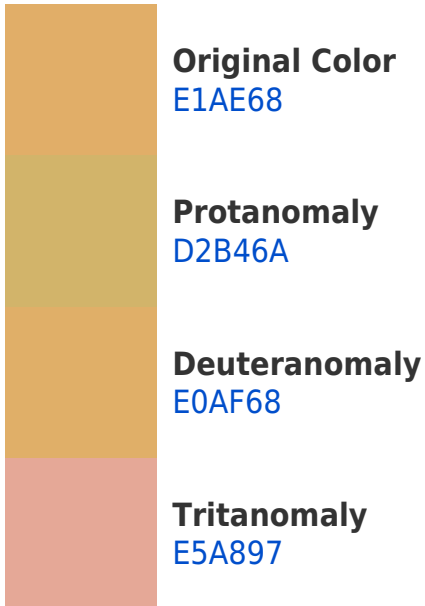
**Protanopia**  
C9B76B

**Deuteranopia**  
DFAF68



**Tritanopia**  
E7A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1AE68 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 #E1AE68 looks like.

```
.text, #text, p{  
    color:#E1AE68  
}
```

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 #E1AE68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1AE68
}
```

## Border

The CSS property to change the border of an element to Hex E1AE68 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
#E1AE68 }
```

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

```
.border{ border-color:#E1AE68 }
```

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

Here you see how a box with a 4 pixel #E1AE68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1AE68; -webkit-box-shadow:4px 4px  
4px 4px #E1AE68; box-shadow:4px 4px 4px  
4px #E1AE68 }
```

# Background

The CSS property to change the background color of an element to Hex E1AE68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1AE68 }
```

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

```
.background{ background-color:#E1AE68 }
```

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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