

# Converting Colors

Hex(E4BA55)

Have a look what the booklet for  
Hex(E4BA55) contains.

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# **Color**

**Hex(E4BA55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4BA55
RGB	228, 186, 85
RGB Percent	89%, 73%, 33%
CMY	0.1059, 0.2706, 0.6667
CMYK	0.00, 0.18, 0.63, 0.11
HSL	42°, 73%, 61%
HSV	42°, 63%, 89%
XYZ	51.1935, 52.2677, 15.9848
YIQ	187.0440, 57.4530, -22.5070

# Conversions

## Conversions Part 2

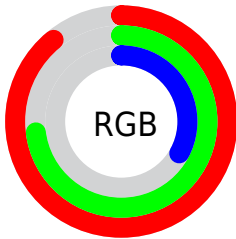
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 228, 85
Decimal	14989909
CIELab	77.44, 4.05, 55.60
CIELCh	77, 55.746, 85.831
Yxy	52.2677, 0.4286, 0.4376
Android (android.graphics.Color)	4293179989 (0xFFE4BA55)
YUV	187.0440, -50.3077, 35.9184
Hunter-Lab	72.2964, -0.1217, 37.4984

# Details

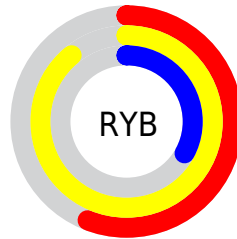
The Hex color **E4BA55** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **557FE4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF28A**, and **A9851F** is the 20% darker color. If you saturate the color by 10%, you get **E4B33E**, and if you desaturate by 10%, it is **E4C16C**.

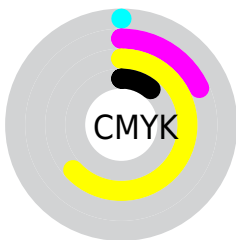
# Distribution



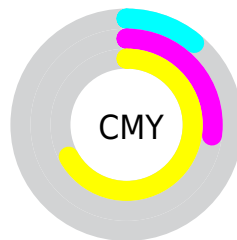
- Red (89%)
- Green (73%)
- Blue (33%)



- Red (56%)
- Yellow (89%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (63%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4BA55 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 E4BA55 by changing the saturation by 10% instead.



 E4BA55

 E4BA55

FFFFFF

 C69F3B

 FFF28A

 A9851F

 FFFFA5

 8D6C00

 FFFFC1

 715400

 FFFFDE

 553D00

 FFFFFB

 3B2800

 221400

 000000

 E4BA55

 E4BA55

 E4B33E

 E4C16C

 E4AD27

 E4C783

 E4A611

 E4CE99

 E4A100

 E4D5B0

 E4DBC7

 E4E2DE

 E4E9F5

 E4F0FF

 E4F6FF

# Harmonies

## Analogous

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



FFA76B



E4BA55



B1CA5E

# Triad

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



E4BA55



00D9EB



F8A1FA

# Complementary

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



E4BA55



557FE4

# 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.



B7B5FF



E4BA55



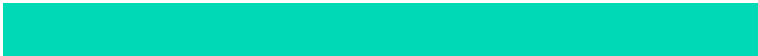
00D3FF

# Square

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



E4BA55



00D9B6



4AC7FF



FF94C9

# Rectangle

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



E4BA55



89D175



4AC7FF



E6A7FF



# Sweetspot

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



E4BA55



FFF1CF



E45580



807762



000000



808080



# Same Dimension

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



E4BA55



FFC740



C7E455



736F67



B37E00



332400



# Inverse Universe

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



557FE4



4078FF



7255E4



676B73



0034B3



000F33



# Previews

## White Background



This preview shows how the Hex color E4BA55 looks on a white background.

## Color Contrast Check

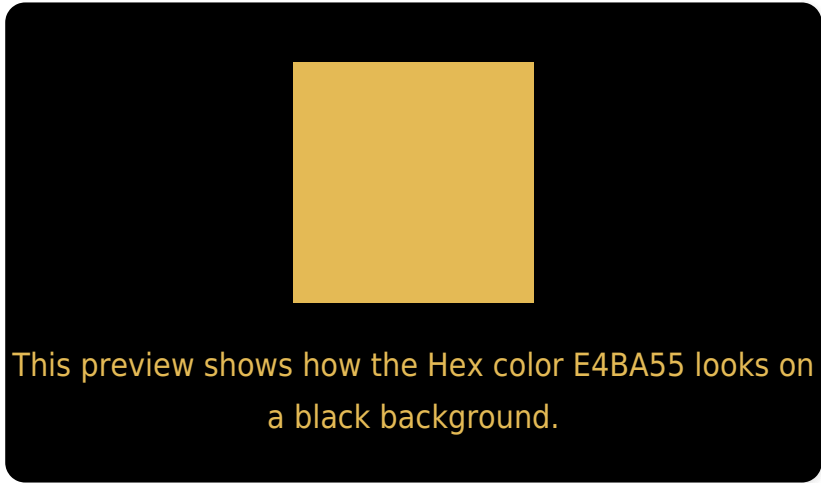
Large Text (above 18pt) WCAG AA × Fail

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 E4BA55 Background



This preview shows how black text looks on a background with the Hex color E4BA55.



This preview shows how white text looks on a background with the Hex color E4BA55.

# 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



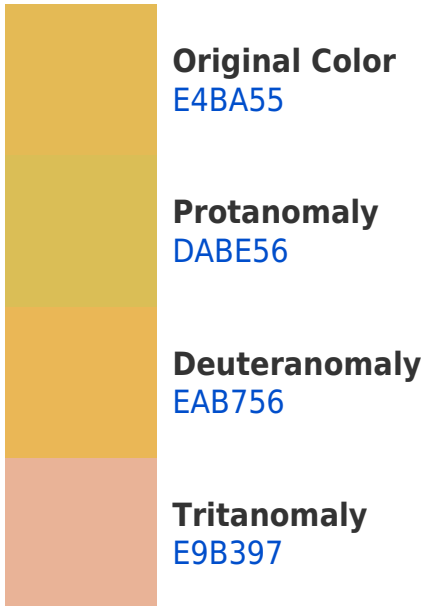
**Original Color**  
E4BA55

**Protanopia**  
D5C057

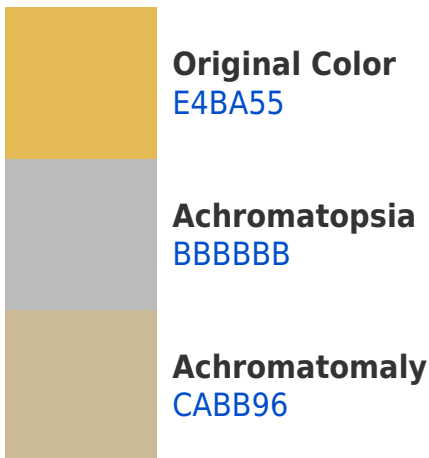
**Deuteranopia**  
EDB656



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4BA55 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 #E4BA55 looks like.

```
.text, #text, p{  
    color:#E4BA55  
}
```

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 #E4BA55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4BA55  
}
```

## Border

The CSS property to change the border of an element to Hex E4BA55 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  
#E4BA55 }
```

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

```
.border{ border-color:#E4BA55 }
```

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

Here you see how a box with a 4 pixel #E4BA55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4BA55; -webkit-box-shadow:4px 4px  
4px 4px #E4BA55; box-shadow:4px 4px 4px  
4px #E4BA55 }
```

# Background

The CSS property to change the background color of an element to Hex E4BA55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4BA55 }
```

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

```
.background{ background-color:#E4BA55 }
```

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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