

# Converting Colors

Hex(E0AE53)

Have a look what the booklet for  
Hex(E0AE53) contains.

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# **Color**

**Hex(E0AE53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0AE53
RGB	224, 174, 83
RGB Percent	88%, 68%, 33%
CMY	0.1216, 0.3176, 0.6745
CMYK	0.00, 0.22, 0.63, 0.12
HSL	39°, 69%, 60%
HSV	39°, 63%, 88%
XYZ	47.4379, 46.7439, 14.7058
YIQ	178.5760, 59.0110, -17.7010

# Conversions

## Conversions Part 2

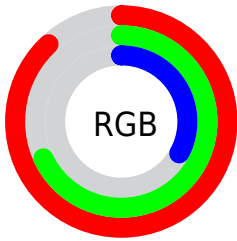
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 224, 83
Decimal	14724691
CIELab	74.03, 8.57, 52.60
CIELCh	74, 53.296, 80.747
Yxy	46.7439, 0.4357, 0.4293
Android (android.graphics.Color)	4292914771 (0xFFE0AE53)
YUV	178.5760, -47.1190, 39.8368
Hunter-Lab	68.3695, 4.2046, 35.1058

# Details

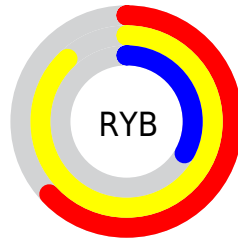
The Hex color **E0AE53** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5385E0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE588**, and **A57A1E** is the 20% darker color. If you saturate the color by 10%, you get **E0A63D**, and if you desaturate by 10%, it is **E0B669**.

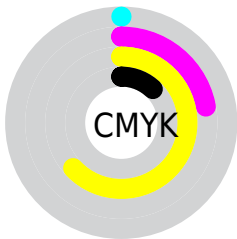
# Distribution



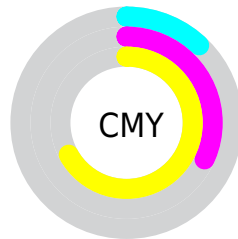
- Red (88%)
- Green (68%)
- Blue (33%)



- Red (63%)
- Yellow (88%)
- Blue (33%)



- Cyan (0%)
- Magenta (22%)
- Yellow (63%)
- Black (12%)



- Cyan (12%)
- Magenta (32%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0AE53 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 E0AE53 by changing the saturation by 10% instead.



 E0AE53

 E0AE53

FFFFFF

 C29339

 FFE588

 A57A1E

 FFFFA3

 896100

 FFFFBE

 6D4A00

 FFFFDB

 513300

 FFFFF8

 371E00

 1F0700

 000000

 E0AE53

 E0AE53

 E0A63D

 E0B669

 E09E26

 E0BE80

 E09610

 E0C696

 E09100

 E0CEAD

 E0D6C3

 E0DED9

 E0E6F0

 E0EEFF

 E0F5FF

# Harmonies

## Analogous

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



FF9C6C



E0AE53



B1BE57

# Triad

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



E0AE53



00CFD7



E49CF4

# Complementary

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



E0AE53



5385E0

# 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.



A1AFFF



E0AE53



00CAFF

# Square

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



E0AE53



00CEA5



25C0FF



FF8EC7

# Rectangle

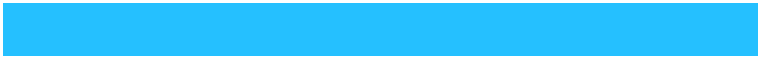
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0AE53



8DC569



25C0FF



D1A2FF

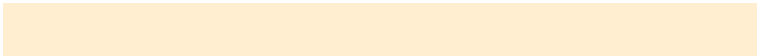


# Sweetspot

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



E0AE53



FFEECF



E05387



807562



000000



808080



# Same Dimension

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



E0AE53



FFBA3D



CDE053



706C65



B07200



301F00



# Inverse Universe

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



5385E0



3D82FF



6653E0



656970



003EB0



001130



# Previews

## White Background



This preview shows how the Hex color E0AE53 looks on a white background.

## Color Contrast Check

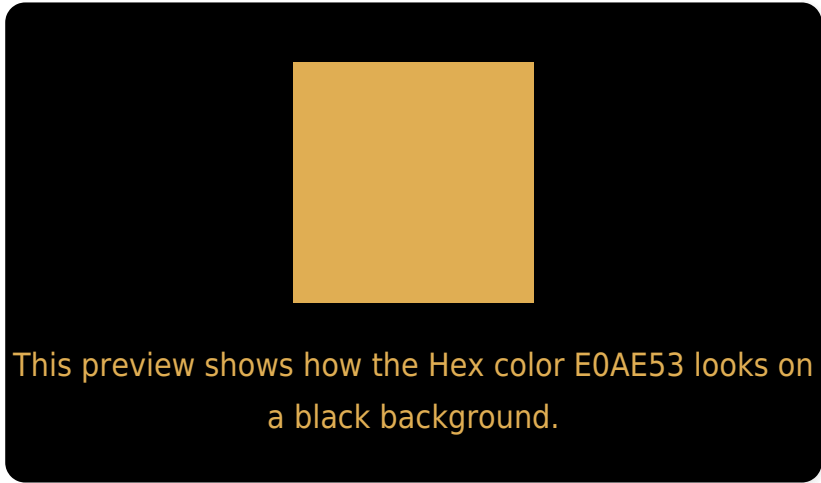
Large Text (above 18pt) WCAG AA × Fail

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 E0AE53 Background



This preview shows how black text looks on a background with the Hex color E0AE53.



This preview shows how white text looks on a background with the Hex color E0AE53.

# 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**  
E0AE53

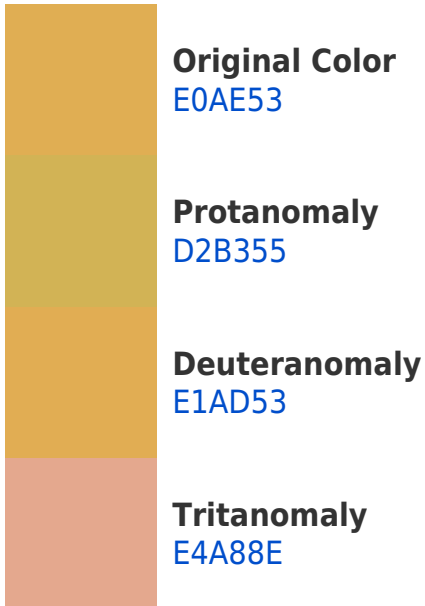
**Protanopia**  
CAB656

**Deuteranopia**  
E1AD53



**Tritanopia**  
E7A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0AE53 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 #E0AE53 looks like.

```
.text, #text, p{  
    color:#E0AE53  
}
```

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 #E0AE53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0AE53
}
```

## Border

The CSS property to change the border of an element to Hex E0AE53 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
#E0AE53 }
```

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

```
.border{ border-color:#E0AE53 }
```

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

Here you see how a box with a 4 pixel #E0AE53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0AE53; -webkit-box-shadow:4px 4px  
4px 4px #E0AE53; box-shadow:4px 4px 4px  
4px #E0AE53 }
```

# Background

The CSS property to change the background color of an element to Hex E0AE53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0AE53 }
```

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

```
.background{ background-color:#E0AE53 }
```

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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