

# Converting Colors

Hex(E5A374)

Have a look what the booklet for  
Hex(E5A374) contains.

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**Color**

**Hex(E5A374)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E5A374
RGB	229, 163, 116
RGB Percent	90%, 64%, 45%
CMY	0.1020, 0.3608, 0.5451
CMYK	0.00, 0.29, 0.49, 0.10
HSL	25°, 68%, 68%
HSV	25°, 49%, 90%
XYZ	48.5627, 44.1134, 22.4782
YIQ	177.3760, 54.4230, -0.6250

# Conversions

## Conversions Part 2

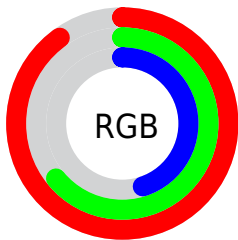
Format	Color
R <sub>YB</sub>	229, 196, 116
Decimal	15049588
CIE Lab	72.30, 19.10, 34.05
CIE LCh	72, 39.037, 60.706
Yxy	44.1134, 0.4217, 0.3831
Android (android.graphics.Color)	4293239668 (0xFFE5A374)
YUV	177.3760, -30.2584, 45.2742
Hunter-Lab	66.4179, 14.2823, 26.4267

# Details

The Hex color **E5A374** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74B6E5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDAA9**, and **AB6F43** is the 20% darker color. If you saturate the color by 10%, you get **E5965D**, and if you desaturate by 10%, it is **E5B08B**.

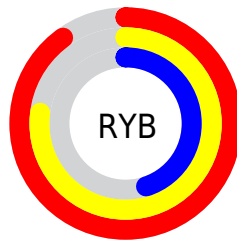
# Distribution



Red (90%)

Green (64%)

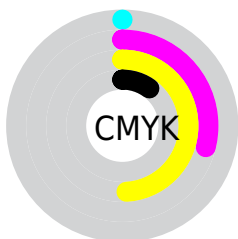
Blue (45%)



Red (90%)

Yellow (77%)

Blue (45%)

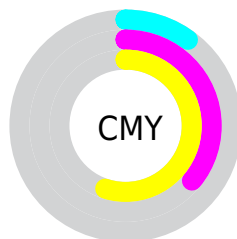


Cyan (0%)

Magenta (29%)

Yellow (49%)

Black (10%)



Cyan (10%)

Magenta (36%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5A374 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 E5A374 by changing the saturation by 10% instead.



 E5A374

 E5A374

FFFFFF

 C8895B

 FFDAA9

 AB6F43

 FFF7C4

 8E562C

 FFFFEO

 733F15

FFFFFFD

 582800

 3D1300

 260000

 000000

 E5A374

 E5A374

 E5965D

 E5B08B

 E58846

 E5BEA2

 E57B2F

 E5CBB9

 E56D18

 E5D9D0

 E56001

 E5E6E6

 E55F00

 E5F3FD

 E5FFFF

# Harmonies

## Analogous

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



F5998F



E5A374



C8AF69

# Triad

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



E5A374



47C4B1



B6A8EF

# Complementary

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



E5A374



74B6E5

# 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.



7FB4F8



E5A374



11C3D5

# Square

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



E5A374



78C18D



3DBEEF



DF9CD5

# Rectangle

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



E5A374



B0B76D



3DBEEF



A5ACF4

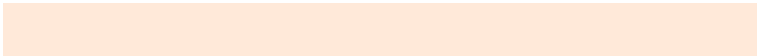


# Sweetspot

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



E5A374



FFE9D9



E574B8



807269



000000



808080



# Same Dimension

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



E5A374



FFA769



E5DA74



736C67



B34A00



331500

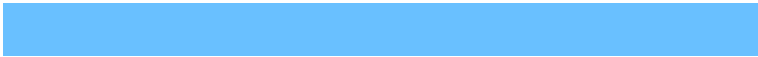


# Inverse Universe

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



74B6E5



69C0FF



747FE5



676E73



0068B3



001E33



# Previews

## White Background



This preview shows how the Hex color E5A374 looks on a white background.

## Color Contrast Check

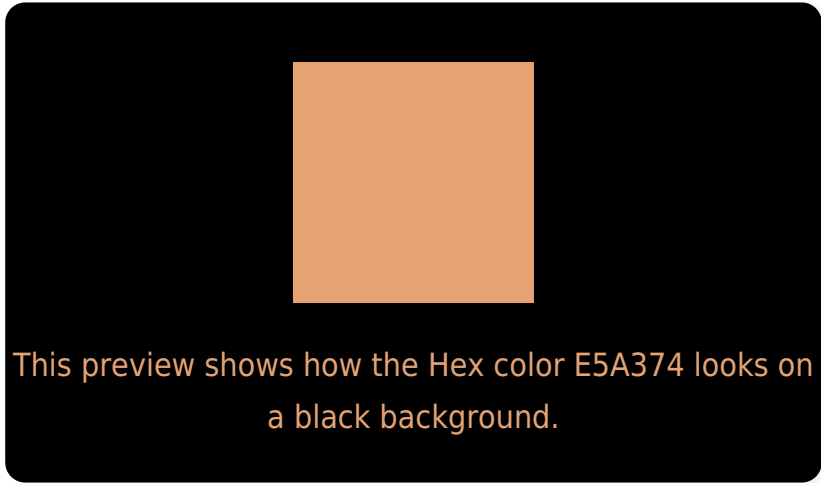
Large Text (above 18pt) WCAG AA × Fail

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

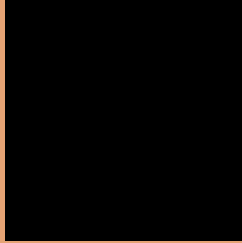
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5A374 Background



This preview shows how black text looks on a background with the Hex color E5A374.



This preview shows how white text looks on a background with the Hex color E5A374.

# 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**  
E5A374

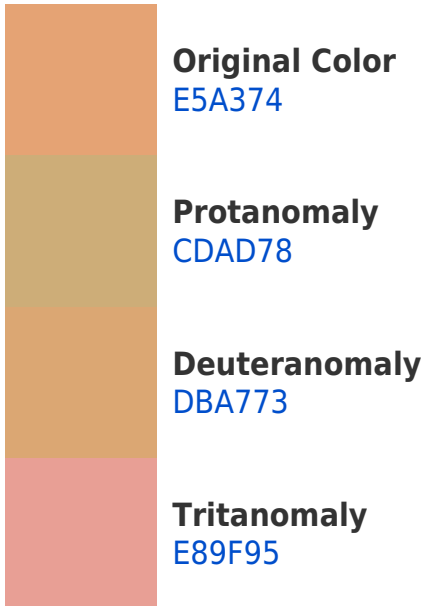
**Protanopia**  
C0B27A

**Deuteranopia**  
D6AA73

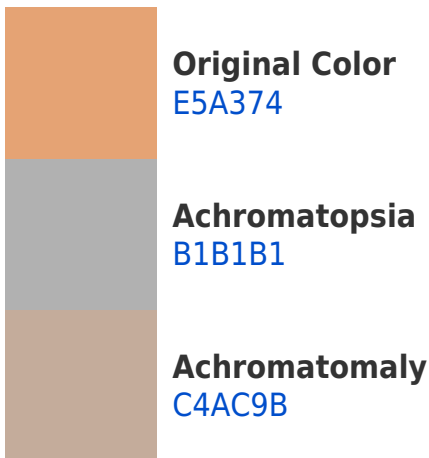


**Tritanopia**  
E99CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5A374 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 #E5A374 looks like.

```
.text, #text, p{  
    color:#E5A374  
}
```

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 #E5A374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5A374
}
```

## Border

The CSS property to change the border of an element to Hex E5A374 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
#E5A374 }
```

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

```
.border{ border-color:#E5A374 }
```

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

Here you see how a box with a 4 pixel #E5A374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5A374; -webkit-box-shadow:4px 4px  
4px 4px #E5A374; box-shadow:4px 4px 4px  
4px #E5A374 }
```

# Background

The CSS property to change the background color of an element to Hex E5A374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5A374 }
```

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

```
.background{ background-color:#E5A374 }
```

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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