

Converting Colors

Hex(E9B374)

Have a look what the booklet for
Hex(E9B374) contains.

Hex(E9B374)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E9B374)

Conversions

Conversions Part 1

Format	Color
Hex	E9B374
RGB	233, 179, 116
RGB Percent	91%, 70%, 45%
CMY	0.0863, 0.2980, 0.5451
CMYK	0.00, 0.23, 0.50, 0.09
HSL	32°, 73%, 68%
HSV	32°, 50%, 91%
XYZ	52.8768, 50.8248, 23.5463
YIQ	187.9640, 52.4070, -8.1450

Conversions

Conversions Part 2

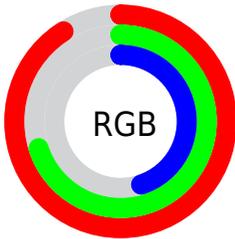
Format	Color
RYB	216, 233, 116
Decimal	15315828
CIELab	76.57, 12.20, 39.56
CIElCh	77, 41.401, 72.856
Yxy	50.8248, 0.4155, 0.3994
Android (android.graphics.Color)	4293505908 (0xFFE9B374)
YUV	187.9640, -35.4783, 39.4966
Hunter-Lab	71.2915, 7.6329, 30.3217

Details

The Hex color **E9B374** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74AAE9**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFEBA9**, and **AF7E42** is the 20% darker color. If you saturate the color by 10%, you get **E9A85D**, and if you desaturate by 10%, it is **E9BE8B**.

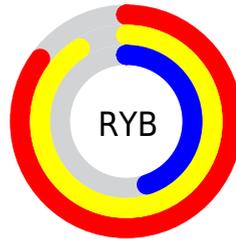
Distribution



Red (91%)

Green (70%)

Blue (45%)



Red (85%)

Yellow (91%)

Blue (45%)

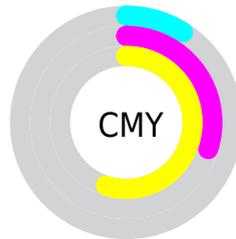


Cyan (0%)

Magenta (23%)

Yellow (50%)

Black (9%)



Cyan (9%)

Magenta (30%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9B374 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 E9B374 by changing the saturation by 10% instead.

 E9B374

 E9B374

FFFFFF

 CC985B

 FFEBA9

 AF7E42

 FFFFC5

 92652A

 FFFFE1

 774D12

FFFFFFE

 5C3700

 412100

 280D00

 000000

 E9B374

 E9B374

 E9A85D

 E9BE8B

 E99D45

 E9C9A3

 E9932E

 E9D3BA

 E98817

 E9DED1

 E97D00

 E9E9E9

 E9F4FF

 E9FEFF

 E9FFFF

Harmonies

Analogous

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



FFA68B



E9B374



C6C071

Triad

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



E9B374



30D1CD



D6ADF5

Complementary

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



E9B374



74AAE9

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.



A0BBFF



E9B374



0DCFF0

Square

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



E9B374



6BD0A5



5DC7FF



FAA2D4

Rectangle

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



E9B374



AAC77B



5DC7FF



C6B2FD

Sweetspot

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



E9B374



FFEDD9



E974AB



807569



000000



808080

Same Dimension

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



E9B374



FFB866



E5E974



75706A



B56100



361D00

Inverse Universe

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



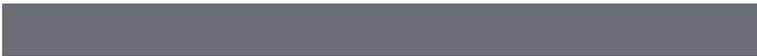
74AAE9



66ADFF



7874E9



6A6F75



0054B5



001936

Previews

White Background



This preview shows how the Hex color E9B374 looks on a white background.

Color Contrast Check

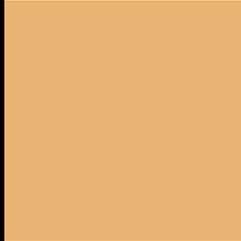
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E9B374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

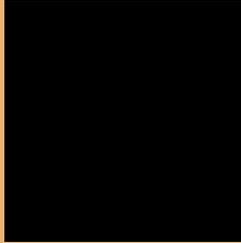
Any Text WCAG AA ✓ Pass

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 E9B374 Background



This preview shows how black text looks on a background with the Hex color E9B374.



This preview shows how white text looks on a background with the Hex color E9B374.

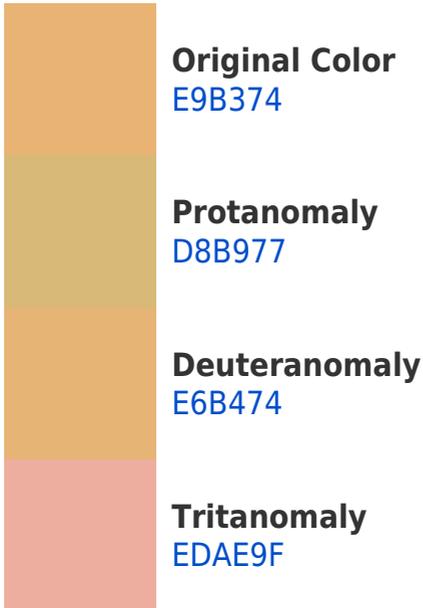
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9B374 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 #E9B374 looks like.

```
.text, #text, p{  
    color:#E9B374  
}
```

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 #E9B374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9B374
}
```

Border

The CSS property to change the border of an element to Hex E9B374 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
#E9B374 }
```

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

```
.border{ border-color:#E9B374 }
```

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

Here you see how a box with a 4 pixel #E9B374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9B374; -webkit-box-shadow:4px 4px  
4px 4px #E9B374; box-shadow:4px 4px 4px  
4px #E9B374 }
```

Background

The CSS property to change the background color of an element to Hex E9B374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9B374 }
```

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

```
.background{ background-color:#E9B374 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor