

Converting Colors

Hex(E5B976)

Have a look what the booklet for
Hex(E5B976) contains.

Hex(E5B976)	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(E5B976)

Conversions

Conversions Part 1

Format	Color
Hex	E5B976
RGB	229, 185, 118
RGB Percent	90%, 73%, 46%
CMY	0.1020, 0.2745, 0.5373
CMYK	0.00, 0.19, 0.48, 0.10
HSL	36°, 68%, 68%
HSV	36°, 48%, 90%
XYZ	52.9321, 52.6639, 24.5149
YIQ	190.5180, 47.7310, -11.5090

Conversions

Conversions Part 2

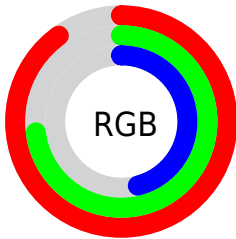
Format	Color
RYB	191, 229, 118
Decimal	15055222
CIELab	77.68, 7.59, 39.84
CIELCh	78, 40.557, 79.212
Yxy	52.6639, 0.4068, 0.4048
Android (android.graphics.Color)	4293245302 (0xFFE5B976)
YUV	190.5180, -35.7514, 33.7487
Hunter-Lab	72.5699, 3.1995, 30.7702

Details

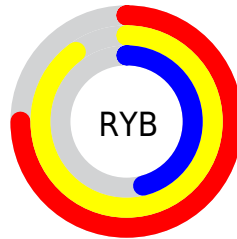
The Hex color **E5B976** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76A2E5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF1AB**, and **AB8444** is the 20% darker color. If you saturate the color by 10%, you get **E5B05F**, and if you desaturate by 10%, it is **E5C28D**.

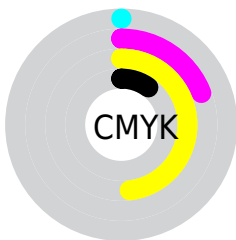
Distribution



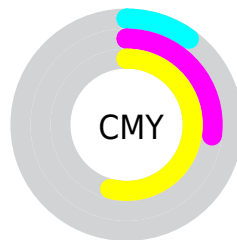
- Red (90%)
- Green (73%)
- Blue (46%)



- Red (75%)
- Yellow (90%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (48%)
- Black (10%)



- Cyan (10%)
- Magenta (27%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5B976 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 E5B976 by changing the saturation by 10% instead.

 E5B976

 E5B976

FFFFFF

 C89E5D

 FFF1AB

 AB8444

 FFFFC7

 8F6B2C

 FFFFE3

 745313

 593C00

 3F2600

 261200

 000000

 E5B976

 E5B976

 E5B05F

 E5C28D

 E5A748

 E5CBA4

 E59E31

 E5D4BB

 E5951A

 E5DDD2

 E58C03

 E5E6E8

 E58A00

 E5EFFF

 E5F9FF

 E5FFFF

Harmonies

Analogous

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



FFAC89



E5B976



C0C578

Triad

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



E5B976



31D4D7



E2AEF1

Complementary

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



E5B976



76A2E5

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.



B1BBFF



E5B976



32D0F8

Square

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



E5B976



65D3B1



72C8FF



FFA4CF

Rectangle

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



E5B976



A4CC84



72C8FF



D3B2FA

Sweetspot

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



E5B976



FFF0D9



E576A2



807669



000000



808080

Same Dimension

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



E5B976



FFC46B



DAE576



736E67



B36C00



331F00

Inverse Universe

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



76A2E5



6BA6FF



8176E5



676C73



0047B3



001433

Previews

White Background



This preview shows how the Hex color E5B976 looks on a white background.

Color Contrast Check

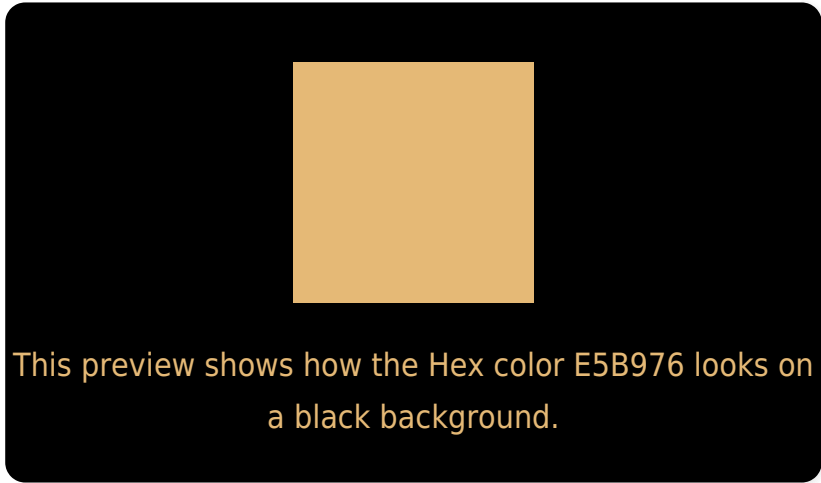
Large Text (above 18pt) WCAG AA × Fail

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 E5B976 Background



This preview shows how black text looks on a background with the Hex color E5B976.



This preview shows how white text looks on a background with the Hex color E5B976.

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](#).

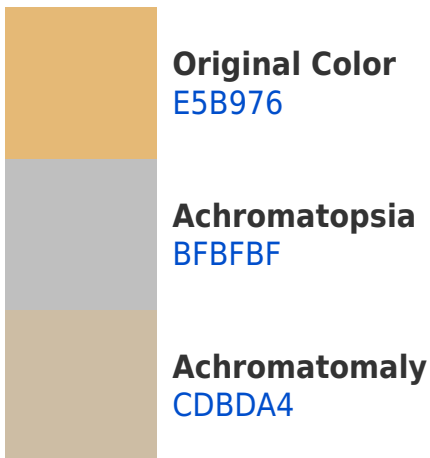
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5B976 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 #E5B976 looks like.

```
.text, #text, p{  
    color:#E5B976  
}
```

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 #E5B976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B976
}
```

Border

The CSS property to change the border of an element to Hex E5B976 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
#E5B976 }
```

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

```
.border{ border-color:#E5B976 }
```

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

Here you see how a box with a 4 pixel #E5B976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B976; -webkit-box-shadow:4px 4px  
4px 4px #E5B976; box-shadow:4px 4px 4px  
4px #E5B976 }
```

Background

The CSS property to change the background color of an element to Hex E5B976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B976 }
```

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

```
.background{ background-color:#E5B976 }
```

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