

# Converting Colors

Hex(E2A86B)

Have a look what the booklet for  
Hex(E2A86B) contains.

<b>Hex(E2A86B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E2A86B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2A86B
RGB	226, 168, 107
RGB Percent	89%, 66%, 42%
CMY	0.1137, 0.3412, 0.5804
CMYK	0.00, 0.26, 0.53, 0.11
HSL	31°, 67%, 65%
HSV	31°, 53%, 89%
XYZ	48.0205, 45.2356, 20.1103
YIQ	178.3880, 54.1490, -6.6750

# Conversions

## Conversions Part 2

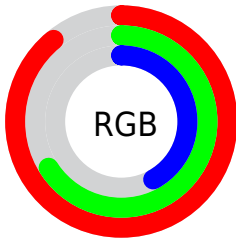
Format	Color
R <sub>Y</sub> B	220, 226, 107
Decimal	14854251
CIE Lab	73.05, 14.41, 39.63
CIE LCh	73, 42.168, 70.023
Yxy	45.2356, 0.4236, 0.3990
Android (android.graphics.Color)	4293044331 (0xFFE2A86B)
YUV	178.3880, -35.1943, 41.7557
Hunter-Lab	67.2574, 9.7452, 29.3522

# Details

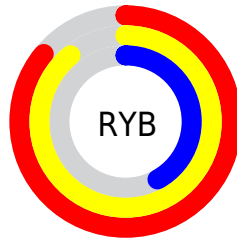
The Hex color **E2A86B** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6BA5E2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDF9F**, and **A8743A** is the 20% darker color. If you saturate the color by 10%, you get **E29D54**, and if you desaturate by 10%, it is **E2B382**.

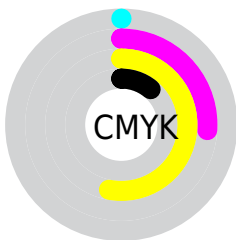
# Distribution



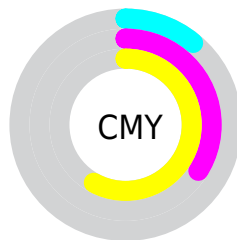
- Red (89%)
- Green (66%)
- Blue (42%)



- Red (86%)
- Yellow (89%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (53%)
- Black (11%)



- Cyan (11%)
- Magenta (34%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2A86B 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 E2A86B by changing the saturation by 10% instead.



 E2A86B

 E2A86B

FFFFFF

 C58E52

 FFDF9F

 A8743A

 FFFCBB

 8B5B22

 FFFFD7

 704408

 FFFFF3

 552D00

 3A1800

 230000

 000000

 E2A86B

 E2A86B

 E29D54

 E2B382

 E2923E

 E2BE98

 E28727

 E2C9AF

 E27C11

 E2D4C5

 E27400

 E2DFDC

 E2EAF3

 E2F5FF

 E2FFFF

# Harmonies

## Analogous

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



F89B83



E2A86B



C0B566

# Triad

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



E2A86B



1AC8BF



C8A4EF

# Complementary

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



E2A86B



6BA5E2

# 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.



8FB3FF



E2A86B



00C6E4

# Square

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



E2A86B



64C698



44BEFB



EE98CF

# Rectangle

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



E2A86B



A4BD6F



44BEFB



B7A9F6



# Sweetspot

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



E2A86B



FFEBD6



E26BA7



807467



000000



808080



# Same Dimension

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



E2A86B



FFB15E



E2E26B



706B65



B05A00



301900



# Inverse Universe

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



6BA5E2



5EADFF



6B6BE2



656A70



0056B0



001830



# Previews

## White Background



This preview shows how the Hex color E2A86B looks on a white background.

## Color Contrast Check

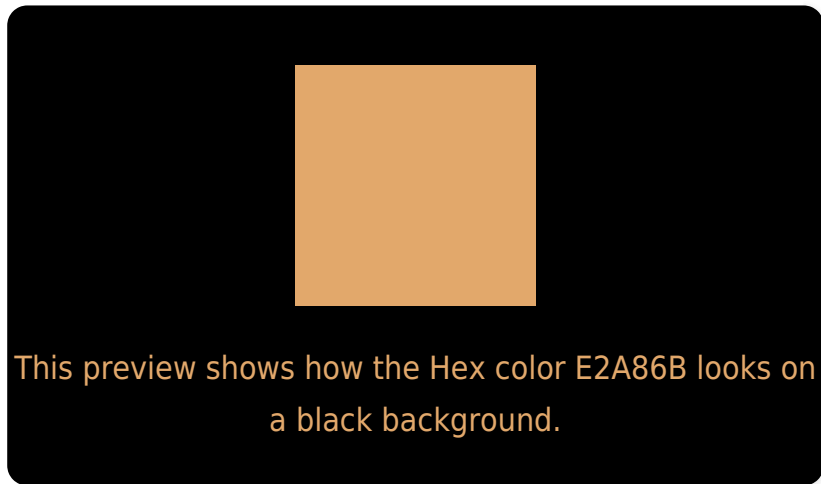
Large Text (above 18pt) WCAG AA × Fail

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 E2A86B Background



This preview shows how black text looks on a background with the Hex color E2A86B.



This preview shows how white text looks on a background with the Hex color E2A86B.

# 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





**Tritanopia**  
E7A0AC

# Trichromacy



**Original Color**  
E2A86B

**Protanomaly**  
CFB06E

**Deuteranomaly**  
DDAA6A

**Tritanomaly**  
E5A394

# Monochromacy



**Original Color**  
E2A86B

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
C3AE98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2A86B 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 #E2A86B looks like.

```
.text, #text, p{  
    color:#E2A86B  
}
```

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 #E2A86B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2A86B
}
```

## Border

The CSS property to change the border of an element to Hex E2A86B 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
#E2A86B }
```

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

```
.border{ border-color:#E2A86B }
```

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

Here you see how a box with a 4 pixel #E2A86B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2A86B; -webkit-box-shadow:4px 4px  
4px 4px #E2A86B; box-shadow:4px 4px 4px  
4px #E2A86B }
```

# Background

The CSS property to change the background color of an element to Hex E2A86B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2A86B }
```

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

```
.background{ background-color:#E2A86B }
```

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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