

Converting Colors

Hex(E2A86F)

Have a look what the booklet for
Hex(E2A86F) contains.

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Color

Hex(E2A86F)

Conversions

Conversions Part 1

Format	Color
Hex	E2A86F
RGB	226, 168, 111
RGB Percent	89%, 66%, 44%
CMY	0.1137, 0.3412, 0.5647
CMYK	0.00, 0.26, 0.51, 0.11
HSL	30°, 66%, 66%
HSV	30°, 51%, 89%
XYZ	48.2359, 45.3217, 21.2446
YIQ	178.8440, 52.8650, -5.4310

Conversions

Conversions Part 2

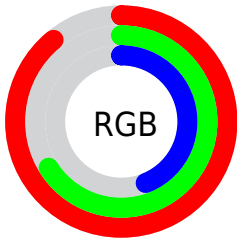
Format	Color
R_{YB}	226, 224, 111
Decimal	14854255
CIE _{Lab}	73.10, 14.76, 37.63
CIE _{LCh}	73, 40.417, 68.584
Yxy	45.3217, 0.4202, 0.3948
Android (android.graphics.Color)	4293044335 (0xFFE2A86F)
YUV	178.8440, -33.4471, 41.3558
Hunter-Lab	67.3214, 10.0831, 28.4149

Details

The Hex color **E2A86F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6FA9E2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDFA4**, and **A8743E** is the 20% darker color. If you saturate the color by 10%, you get **E29D58**, and if you desaturate by 10%, it is **E2B386**.

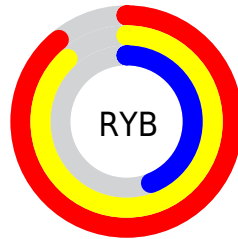
Distribution



Red (89%)

Green (66%)

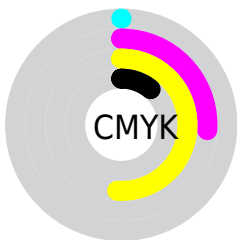
Blue (44%)



Red (89%)

Yellow (88%)

Blue (44%)

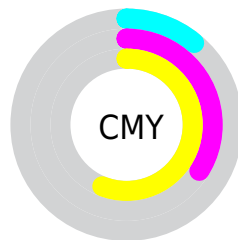


Cyan (0%)

Magenta (26%)

Yellow (51%)

Black (11%)



Cyan (11%)

Magenta (34%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2A86F 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 E2A86F by changing the saturation by 10% instead.

 E2A86F

 E2A86F

FFFFFF

 C58E56

 FFDFA4

 A8743E

 FFFCBF

 8C5B26

 FFFFDB

 70440E

 FFFFF8

 562D00

 3B1800

 230000

 000000

 E2A86F

 E2A86F

 E29D58

 E2B386

 E29142

 E2BF9C

 E2862B

 E2CAB3

 E27A15

 E2D6C9

 E27000

 E2E1E0

 E2ECF7

 E2F8FF

 E2FFFF

Harmonies

Analogous

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



F79C87



E2A86F



C1B569

Triad

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



E2A86F



31C7BD



C5A6ED

Complementary

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



E2A86F



6FA9E2

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.



8FB4FC



E2A86F



00C5E0

Square

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



E2A86F



6BC597



4BBFF8



EB9ACF

Rectangle

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



E2A86F



A7BC71



4BBFF8



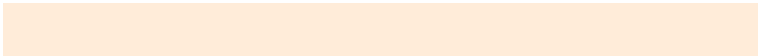
B5ABF4

Sweetspot

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



E2A86F



FFECD9



E26FAA



807469



000000



808080

Same Dimension

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



E2A86F



FFB163



E2E06F



706B65



B05700



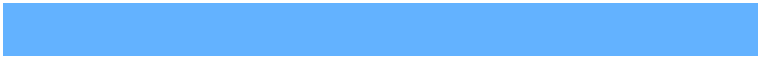
301800

Inverse Universe

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



6FA9E2



63B2FF



6F71E2



656B70



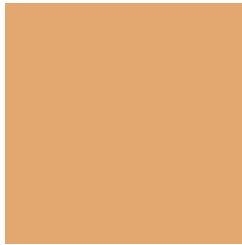
0059B0



001830

Previews

White Background



This preview shows how the Hex color E2A86F looks on a white background.

Color Contrast Check

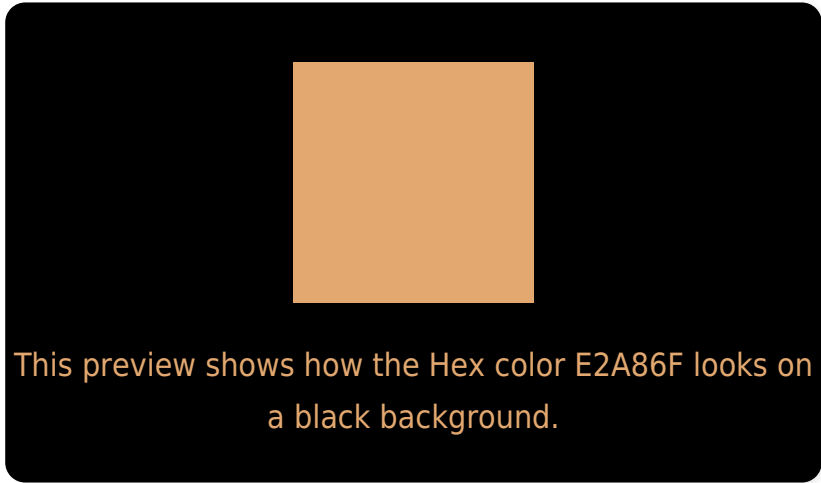
Large Text (above 18pt) WCAG AA × Fail

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 E2A86F Background



This preview shows how black text looks on a background with the Hex color E2A86F.

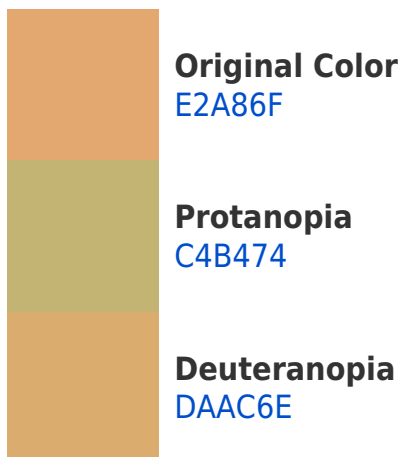


This preview shows how white text looks on a background with the Hex color E2A86F.

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](#).

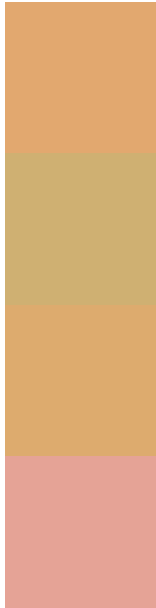
Dichromacy





Tritanopia
E7A0AD

Trichromacy



Original Color
E2A86F

Protanomaly
CFB072

Deuteranomaly
DDAB6E

Tritanomaly
E5A396

Monochromacy



Original Color
E2A86F

Achromatopsia
B3B3B3

Achromatomaly
C4AF9A

CSS Examples

Text

The CSS property to change the color of the text to Hex E2A86F 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 #E2A86F looks like.

```
.text, #text, p{  
    color:#E2A86F  
}
```

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 #E2A86F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2A86F
}
```

Border

The CSS property to change the border of an element to Hex E2A86F 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
#E2A86F }
```

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

```
.border{ border-color:#E2A86F }
```

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

Here you see how a box with a 4 pixel #E2A86F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2A86F; -webkit-box-shadow:4px 4px  
4px 4px #E2A86F; box-shadow:4px 4px 4px  
4px #E2A86F }
```

Background

The CSS property to change the background color of an element to Hex E2A86F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2A86F }
```

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

```
.background{ background-color:#E2A86F }
```

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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