

Converting Colors

Hex(AEA376)

Have a look what the booklet for
Hex(AEA376) contains.

Hex(AEA376)	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(AEA376)

Conversions

Conversions Part 1

Format	Color
Hex	AEA376
RGB	174, 163, 118
RGB Percent	68%, 64%, 46%
CMY	0.3176, 0.3608, 0.5373
CMYK	0.00, 0.06, 0.32, 0.32
HSL	48°, 26%, 57%
HSV	48°, 32%, 68%
XYZ	33.8228, 36.5011, 22.4023
YIQ	161.1590, 21.0010, -11.6630

Conversions

Conversions Part 2

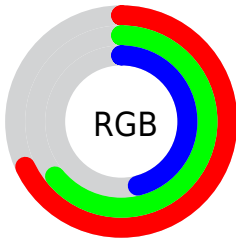
Format	Color
RYB	132, 174, 118
Decimal	11445110
CIELab	66.90, -3.01, 24.86
CIELCh	67, 25.044, 96.911
Yxy	36.5011, 0.3648, 0.3936
Android (android.graphics.Color)	4289635190 (0xFFAEA376)
YUV	161.1590, -21.2774, 11.2616
Hunter-Lab	60.4161, -5.7985, 20.3065

Details

The Hex color **AEA376** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7681AE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E6DAAA**, and **796F45** is the 20% darker color. If you saturate the color by 10%, you get **AEA065**, and if you desaturate by 10%, it is **AEA687**.

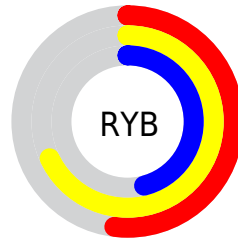
Distribution



Red (68%)

Green (64%)

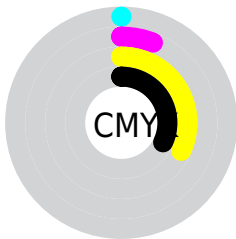
Blue (46%)



Red (52%)

Yellow (68%)

Blue (46%)

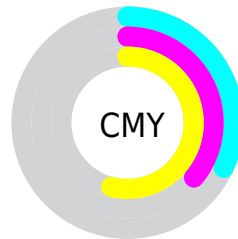


Cyan (0%)

Magenta (6%)

Yellow (32%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEA376 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 AEA376 by changing the saturation by 10% instead.



AEA376



AEA376

FFFFFF



93895D



E6DAAA



796F45



FFF6C6



5F572E



FFFFE2



474018



302A00



181600



000000



AEA376



AEA376



AEA065



AEA687

 AE9C53

 AEAA99

 AE9942

 AEADAA

 AE9530

 AEB1BC

 AE921F

 AEB4CD

 AE8E0E

 AEB8DE

 AE8C00

 AEBBF0

 AEBEFF

 AEC2FF

Harmonies

Analogous

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



C29B7A



AEA376



95AA7E

Triad

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



AEA376



60AEBD



C495B5

Complementary

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



AEA376



7681AE

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.



AD9BC7



AEA376



70AACC

Square

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



AEA376



66B0A7



8EA3CF



D0929E

Rectangle

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



AEA376



84AD8A



8EA3CF



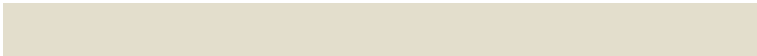
BE97BC

Sweetspot

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



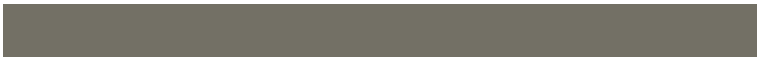
AEA376



E3DECC



AE7681



737065



F2F2F2



737373

Same Dimension

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



AEA376



E3D28A



9DAE76



57554E



967900



171200

Inverse Universe

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



7681AE



8A9CE3



8776AE



4E5057



001E96



000517

Previews

White Background



This preview shows how the Hex color AEA376 looks on a white background.

Color Contrast Check

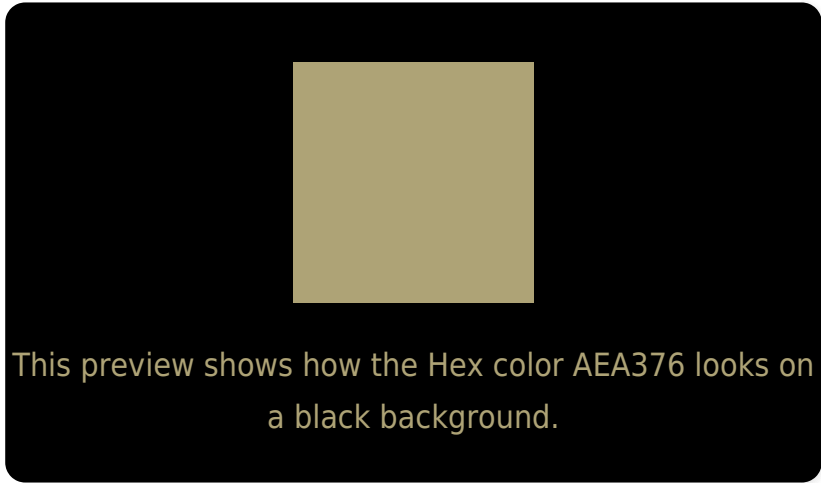
Large Text (above 18pt) WCAG AA × Fail

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

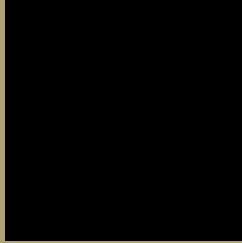
Any Text WCAG AA ✓ Pass

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 AEA376 Background



This preview shows how black text looks on a background with the Hex color AEA376.

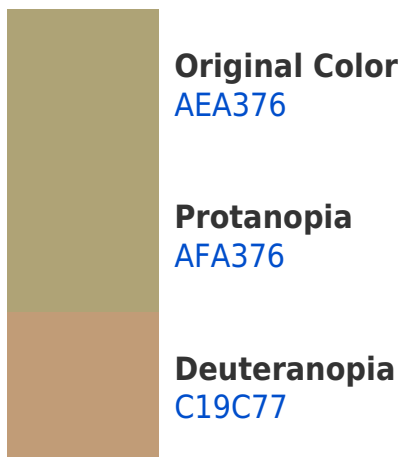


This preview shows how white text looks on a background with the Hex color AEA376.

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](#).

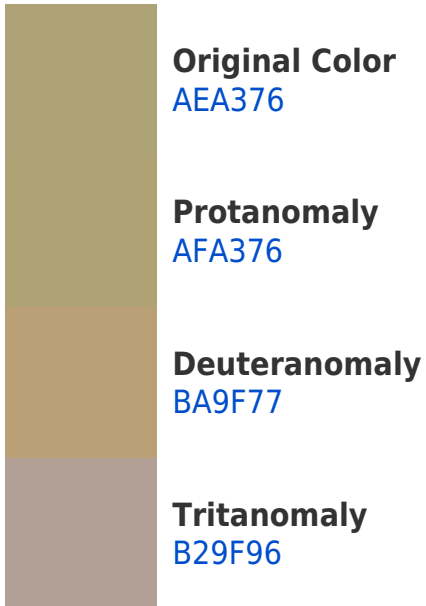
Dichromacy



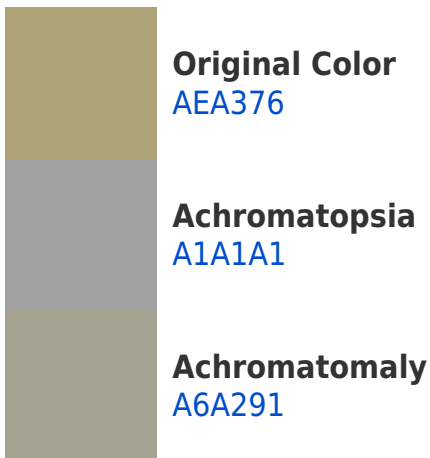


Tritanopia
B49CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEA376 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 #AEA376 looks like.

```
.text, #text, p{  
    color:#AEA376  
}
```

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 #AEA376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEA376
}
```

Border

The CSS property to change the border of an element to Hex AEA376 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
#AEA376 }
```

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

```
.border{ border-color:#AEA376 }
```

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

Here you see how a box with a 4 pixel #AEA376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEA376; -webkit-box-shadow:4px 4px  
4px 4px #AEA376; box-shadow:4px 4px 4px  
4px #AEA376 }
```

Background

The CSS property to change the background color of an element to Hex AEA376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEA376 }
```

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

```
.background{ background-color:#AEA376 }
```

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