

# Converting Colors

Hex(AEA24E)

Have a look what the booklet for  
Hex(AEA24E) contains.

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# Color

Hex(AEA24E)

# Conversions

## Conversions Part 1

Format	Color
Hex	AEA24E
RGB	174, 162, 78
RGB Percent	68%, 64%, 31%
CMY	0.3176, 0.3647, 0.6941
CMYK	0.00, 0.07, 0.55, 0.32
HSL	52°, 38%, 49%
HSV	52°, 55%, 68%
XYZ	31.7510, 35.3894, 12.3651
YIQ	156.0120, 34.1160, -23.5800

# Conversions

## Conversions Part 2

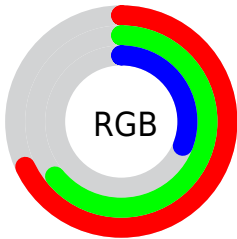
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 174, 78
Decimal	11444814
CIELab	66.05, -6.74, 44.61
CIElCh	66, 45.120, 98.586
Yxy	35.3894, 0.3994, 0.4451
Android (android.graphics.Color)	4289634894 (0xFFFAEA24E)
YUV	156.0120, -38.4599, 15.7755
Hunter-Lab	59.4890, -8.8350, 29.3185

# Details

The Hex color **AEA24E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4E5AAE**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E7D982**, and **776F1B** is the 20% darker color. If you saturate the color by 10%, you get **AEA03D**, and if you desaturate by 10%, it is **AEA45F**.

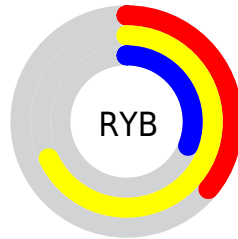
# Distribution



Red (68%)

Green (64%)

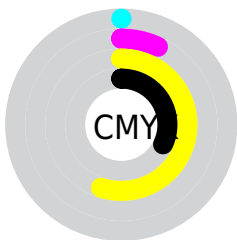
Blue (31%)



Red (36%)

Yellow (68%)

Blue (31%)

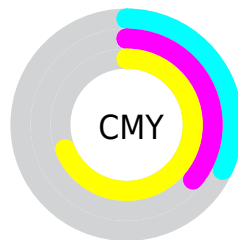


Cyan (0%)

Magenta (7%)

Yellow (55%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEA24E 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 AEA24E by changing the saturation by 10% instead.



 AEA24E

 AEA24E

FFFFFF

 928835

 E7D982

 776F1B

 FFF59C

 5D5600

 FFFF88

 443F00

 FFFF88

 2A2A00

 FFFFF1

 101600

 000000

 AEA24E

 AEA24E

 AEA03D

 AEA45F

 AE9E2B

 AEA671

 AE9B1A

 AEA982

 AE9908

 AEAB94

 AE9800

 AEADA5

 AEA6B6

 AEB1C8

 AEB3D9

 AEB6EB

# Harmonies

## Analogous

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



D19455



AEA24E



82AD5F

# Triad

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



AEA24E



00B3D2



DC84BF

# Complementary

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



AEA24E



4E5AAE

# 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.



B391E0



AEA24E



00ADEB

# Square

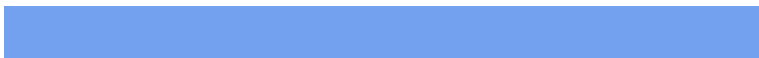
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AEA24E



00B5AB



73A1F0



ED7F96

# Rectangle

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



AEA24E



60B275



73A1F0



D188CB



# Sweetspot

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



AEA24E



E3DEBC



AE4E5B



73705C



F2F2F2



737373



# Same Dimension

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



AEA24E



E3D04D



8BAE4E



57564E



968400



171400



# Inverse Universe

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



4E5AAE



4D60E3



714EAE



4E4F57



001396



000317



# Previews

## White Background



This preview shows how the Hex color AEA24E looks on a white background.

## Color Contrast Check

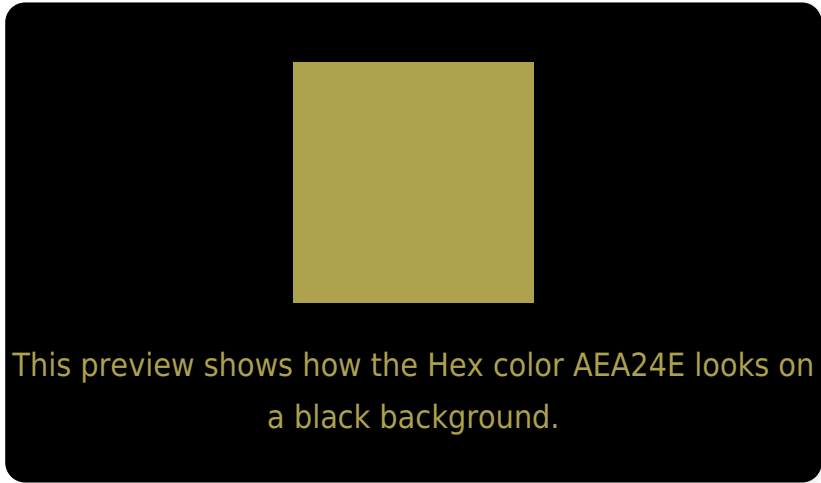
Large Text (above 18pt) WCAG AA × Fail

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

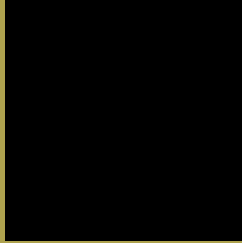
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AEA24E Background



This preview shows how black text looks on a background with the Hex color AEA24E.



This preview shows how white text looks on a background with the Hex color AEA24E.

# 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



**Original Color**  
AEA24E

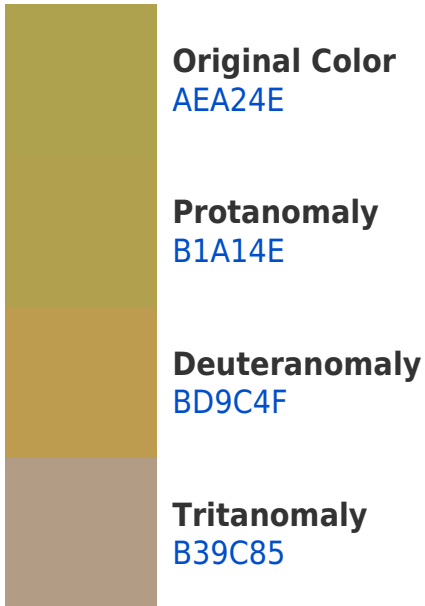
**Protanopia**  
B2A14E

**Deuteranopia**  
C69950



**Tritanopia**  
B699A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEA24E 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 #AEA24E looks like.

```
.text, #text, p{  
    color:#AEA24E  
}
```

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 #AEA24E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEA24E
}
```

## Border

The CSS property to change the border of an element to Hex AEA24E 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
#AEA24E }
```

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

```
.border{ border-color:#AEA24E }
```

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

Here you see how a box with a 4 pixel #AEA24E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEA24E; -webkit-box-shadow:4px 4px  
4px 4px #AEA24E; box-shadow:4px 4px 4px  
4px #AEA24E }
```

# Background

The CSS property to change the background color of an element to Hex AEA24E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEA24E }
```

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

```
.background{ background-color:#AEA24E }
```

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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