

# Converting Colors

Hex(AE710E)

Have a look what the booklet for  
Hex(AE710E) contains.

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# Color

Hex(AE710E)

# Conversions

## Conversions Part 1

Format	Color
Hex	AE710E
RGB	174, 113, 14
RGB Percent	68%, 44%, 5%
CMY	0.3176, 0.5569, 0.9451
CMYK	0.00, 0.35, 0.92, 0.32
HSL	37°, 85%, 37%
HSV	37°, 92%, 68%
XYZ	23.4400, 20.8406, 3.2027
YIQ	119.9530, 68.1350, -17.8570

# Conversions

## Conversions Part 2

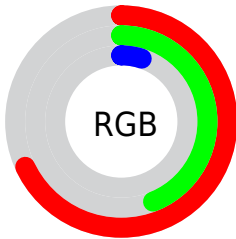
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 174, 14</a>
Decimal	<a href="#">11432206</a>
CIELab	<a href="#">52.77, 17.11, 56.84</a>
CIElCh	<a href="#">53, 59.359, 73.247</a>
Yxy	<a href="#">20.8406, 0.4936, 0.4389</a>
Android (android.graphics.Color)	<a href="#">4289622286 (0xFFAE710E)</a>
YUV	<a href="#">119.9530, -52.2348, 47.3992</a>
Hunter-Lab	<a href="#">45.6515, 11.7613, 27.7966</a>

# Details

The Hex color **AE710E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0E4BAE**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **EAA547**, and **744100** is the 20% darker color. If you saturate the color by 10%, you get **AE6C00**, and if you desaturate by 10%, it is **AE781F**.

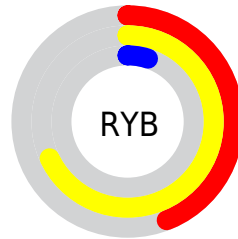
# Distribution



Red (68%)

Green (44%)

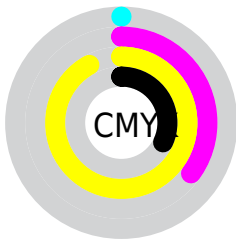
Blue (5%)



Red (44%)

Yellow (68%)

Blue (5%)

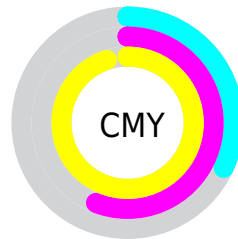


Cyan (0%)

Magenta (35%)

Yellow (92%)

Black (32%)



Cyan (32%)

Magenta (56%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE710E 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 AE710E by changing the saturation by 10% instead.



 AE710E

 AE710E

FFFFFF

 915900

 EAA547

 744100

 FFC062

 582B00

 FFDC7C

 3C1600

 FFF897

 250000

 FFFFB3

 000000

 FFFFCE

 FFFFEC

 AE710E

 AE710E

■ AE6C00

■ AE781F

■ AE7E31

■ AE8542

■ AE8C54

■ AE9265

■ AE9976

■ AE9F88

■ AEA699

■ AEADAB

# Harmonies

## Analogous

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



CD5B3A



AE710E



828300

# Triad

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



AE710E



009694



9D66C9

# Complementary

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



AE710E



0E4BAE

# 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.



3A7CE2



AE710E



0094C3

# Square

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



AE710E



00945F



008CE0



CB509D

# Rectangle

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



AE710E



5D8B1D



008CE0



856ED4



# Sweetspot

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



AE710E



E3CBA3



AE0E4B



73644C



F2F2F2



737373



# Same Dimension

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



AE710E



E38C00



9BAE0E



57534E



965D00



170E00



# Inverse Universe

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



0E4BAE



0057E3



210EAE



4E5157



003996



000917



# Previews

## White Background



This preview shows how the Hex color AE710E looks on a white background.

## Color Contrast Check

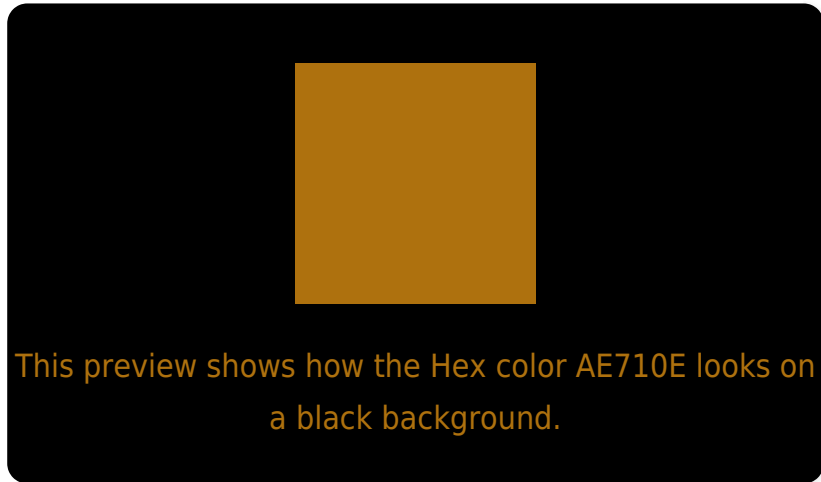
Large Text (above 18pt) WCAG AA ✓ Pass

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

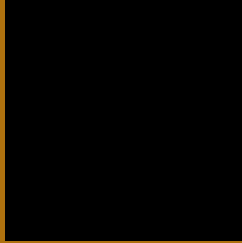
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE710E Background



This preview shows how black text looks on a background with the Hex color AE710E.



This preview shows how white text looks on a background with the Hex color AE710E.

# 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**  
AE710E

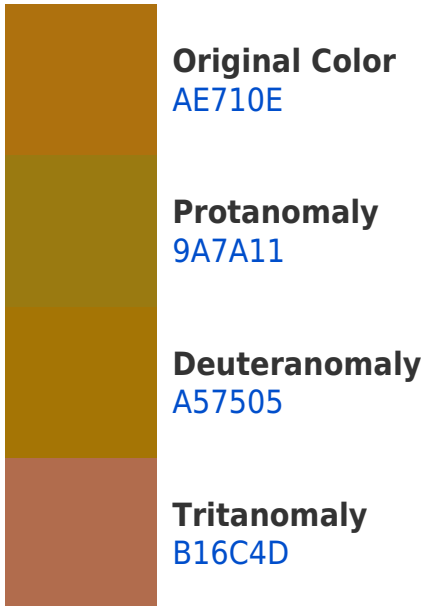
**Protanopia**  
8E7F13

**Deuteranopia**  
A07800



**Tritanopia**  
B36971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE710E 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 #AE710E looks like.

```
.text, #text, p{  
    color:#AE710E  
}
```

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 #AE710E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE710E
}
```

## Border

The CSS property to change the border of an element to Hex AE710E 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
#AE710E }
```

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

```
.border{ border-color:#AE710E }
```

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

Here you see how a box with a 4 pixel #AE710E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE710E; -webkit-box-shadow:4px 4px  
4px 4px #AE710E; box-shadow:4px 4px 4px  
4px #AE710E }
```

# Background

The CSS property to change the background color of an element to Hex AE710E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE710E }
```

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

```
.background{ background-color:#AE710E }
```

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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