

# Converting Colors

Hex(AE5000)

Have a look what the booklet for  
Hex(AE5000) contains.

<b>Hex(AE5000)</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(AE5000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE5000
RGB	174, 80, 0
RGB Percent	68%, 31%, 0%
CMY	0.3176, 0.6863, 1.0000
CMYK	0.00, 0.54, 1.00, 0.32
HSL	28°, 100%, 34%
HSV	28°, 100%, 68%
XYZ	20.3242, 14.7360, 1.7731
YIQ	98.9860, 81.7040, -4.9520

# Conversions

## Conversions Part 2

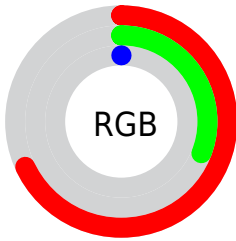
Format	Color
<a href="#">RYB</a>	<a href="#">174, 148, 0</a>
Decimal	<a href="#">11423744</a>
CIELab	<a href="#">45.27, 34.90, 54.94</a>
CIELCh	<a href="#">45, 65.090, 57.579</a>
Yxy	<a href="#">14.7360, 0.5518, 0.4001</a>
Android (android.graphics.Color)	<a href="#">4289613824</a> (0xFFAE5000)
YUV	<a href="#">98.9860, -48.8001, 65.7873</a>
Hunter-Lab	<a href="#">38.3875, 27.3286, 24.1326</a>

# Details

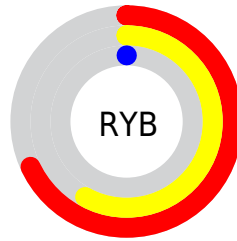
The Hex color **AE5000** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **005EAE**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **EC833A**, and **721F00** is the 20% darker color. If you saturate the color by 10%, you get **AE5000**, and if you desaturate by 10%, it is **AE5911**.

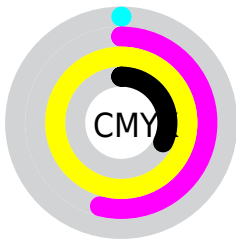
# Distribution



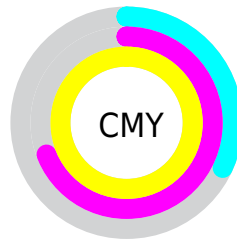
- Red (68%)
- Green (31%)
- Blue (0%)



- Red (68%)
- Yellow (58%)
- Blue (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (100%)
- Black (32%)



- Cyan (32%)
- Magenta (69%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE5000 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 AE5000 by changing the saturation by 10% instead.



 AE5000

 AE5000

 FFFFF8

 903700

 EC833A

 721F00

 FF9E54

 550200

 FFB96E

 390000

 FFD588

 1C0001

 FFF2A3

 000000

 FFFFBF

 FFFFDB

 AE5000

 AE5911

 AE6323

 AE6C34

 AE7646

 AE7F57

 AE8868

 AE927A

 AE9B8B

 AEA59D

# Harmonies

## Analogous

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



C6333D



AE5000



866700

# Triad

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



AE5000



008265



5B5FCD

# Complementary

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



AE5000



005EAE

# 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.



0073D9



AE5000



00839C

# Square

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



AE5000



007F2C



007FC7



A741A6

# Rectangle

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



AE5000



647200



007FC7



2367D4



# Sweetspot

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



AE5000



E3BE9F



AE0060



735C49



F2F2F2



737373



# Same Dimension

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



AE5000



E36800



AEA500



57524E



964500



170B00



# Inverse Universe

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



005EAE



007BE3



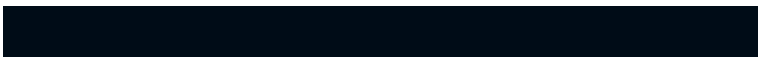
0009AE



4E5357



005196



000C17



# Previews

## White Background



This preview shows how the Hex color AE5000 looks on a white background.

## Color Contrast Check

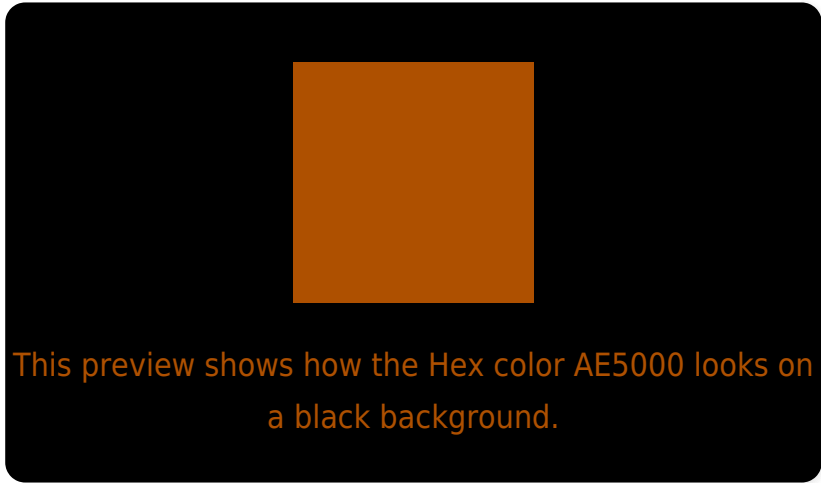
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex AE5000 Background



This preview shows how black text looks on a background with the Hex color AE5000.



This preview shows how white text looks on a background with the Hex color AE5000.

# 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**  
AE5000

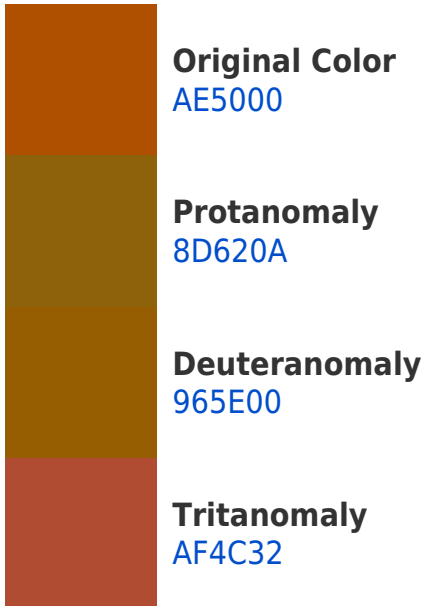
**Protanopia**  
7A6C10

**Deuteranopia**  
886600



**Tritanopia**  
B04A4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE5000 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 #AE5000 looks like.

```
.text, #text, p{  
    color:#AE5000  
}
```

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 #AE5000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE5000  
}
```

## Border

The CSS property to change the border of an element to Hex AE5000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

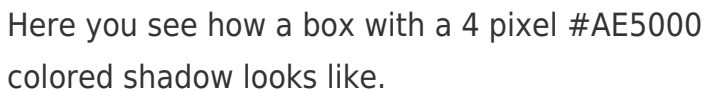
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AE5000 }
```

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

```
.border{ border-color:#AE5000 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a 4px orange shadow. The text inside the box is: "Here you see how a box with a 4 pixel #AE5000 colored shadow looks like."

Here you see how a box with a 4 pixel #AE5000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE5000; -webkit-box-shadow:4px 4px  
4px 4px #AE5000; box-shadow:4px 4px 4px  
4px #AE5000 }
```

# Background

The CSS property to change the background color of an element to Hex AE5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE5000 }
```

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

```
.background{ background-color:#AE5000 }
```

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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