

# Converting Colors

Hex(AA5D09)

Have a look what the booklet for  
Hex(AA5D09) contains.

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**Color**

**Hex(AA5D09)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA5D09
RGB	170, 93, 9
RGB Percent	67%, 36%, 4%
CMY	0.3333, 0.6353, 0.9647
CMYK	0.00, 0.45, 0.95, 0.33
HSL	31°, 90%, 35%
HSV	31°, 95%, 67%
XYZ	20.5412, 16.3945, 2.3403
YIQ	106.4470, 72.8560, -9.8000

# Conversions

## Conversions Part 2

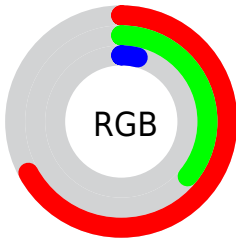
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 170, 9
Decimal	11164937
CIELab	47.49, 26.40, 53.85
CIELCh	47, 59.977, 63.886
Yxy	16.3945, 0.5230, 0.4174
Android (android.graphics.Color)	4289355017 (0xFFAA5D09)
YUV	106.4470, -48.0414, 55.7360
Hunter-Lab	40.4901, 19.6980, 24.9162

# Details

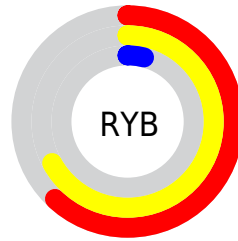
The Hex color **AA5D09** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0956AA**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E79041**, and **6F2E00** is the 20% darker color. If you saturate the color by 10%, you get **AA5900**, and if you desaturate by 10%, it is **AA651A**.

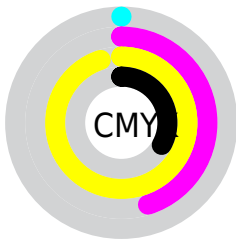
# Distribution



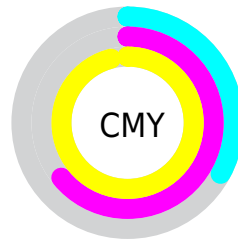
- Red (67%)
- Green (36%)
- Blue (4%)



- Red (62%)
- Yellow (67%)
- Blue (4%)



- Cyan (0%)
- Magenta (45%)
- Yellow (95%)
- Black (33%)



- Cyan (33%)
- Magenta (64%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA5D09 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 AA5D09 by changing the saturation by 10% instead.



■ AA5D09

■ AA5D09

FFFFFF

■ 8C4500

■ E79041

■ 6F2E00

■ FFAB5B

■ 531700

■ FFC675

■ 370100

■ FFE290

■ 1D0001

■ FFFFAB

■ 000000

■ FFFFC7

■ FFFF E3

■ AA5D09

■ AA5D09

■ AA5900

■ AA651A

■ AA6D2B

■ AA753C

■ AA7E4D

■ AA865E

■ AA8E6F

■ AA9680

■ AA9E91

■ AAA6A2

# Harmonies

## Analogous

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



C4463B



AA5D09



827100

# Triad

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



AA5D09



008776



7860C5

# Complementary

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



AA5D09



0956AA

# 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.



0075D6



AA5D09



0087A8

# Square

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



AA5D09



008441



0081CB



B2479E

# Rectangle

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



AA5D09



617A00



0081CB



5868CE



# Sweetspot

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



AA5D09



DEC0A0



AA0957



705E4A



F0F0F0



707070



# Same Dimension

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



AA5D09



DE7400



A7AA09



54504C



944D00



140B00



# Inverse Universe

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



0956AA



006ADE



0C09AA



4C5054



004794

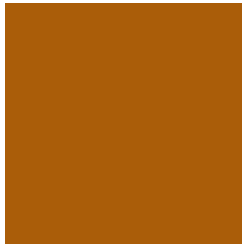


000A14



# Previews

## White Background



This preview shows how the Hex color AA5D09 looks on a white background.

## Color Contrast Check

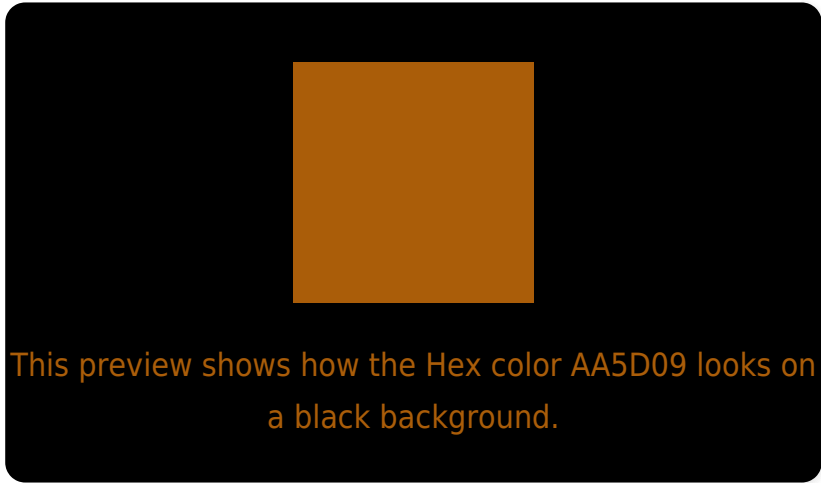
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA5D09 Background



This preview shows how black text looks on a background with the Hex color AA5D09.



This preview shows how white text looks on a background with the Hex color AA5D09.

# 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



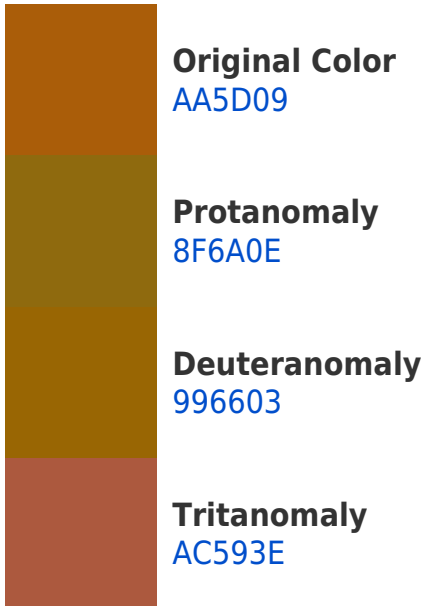
**Original Color**  
AA5D09

**Protanopia**  
807211

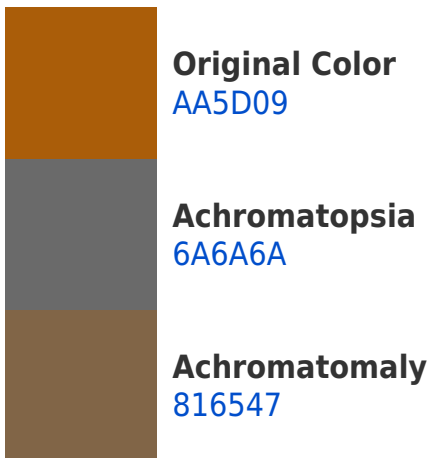
**Deuteranopia**  
8F6B00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA5D09 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 #AA5D09 looks like.

```
.text, #text, p{  
    color:#AA5D09  
}
```

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 #AA5D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5D09  
}
```

## Border

The CSS property to change the border of an element to Hex AA5D09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

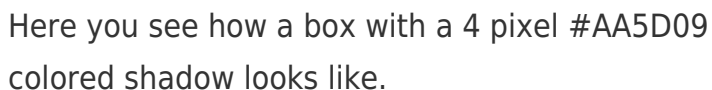
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA5D09 }
```

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

```
.border{ border-color:#AA5D09 }
```

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. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #AA5D09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5D09; -webkit-box-shadow:4px 4px  
4px 4px #AA5D09; box-shadow:4px 4px 4px  
4px #AA5D09 }
```

# Background

The CSS property to change the background color of an element to Hex AA5D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5D09 }
```

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

```
.background{ background-color:#AA5D09 }
```

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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