

Converting Colors

Hex(AA3F00)

Have a look what the booklet for
Hex(AA3F00) contains.

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Color

Hex(AA3F00)

Conversions

Conversions Part 1

Format	Color
Hex	AA3F00
RGB	170, 63, 0
RGB Percent	67%, 25%, 0%
CMY	0.3333, 0.7529, 1.0000
CMYK	0.00, 0.63, 1.00, 0.33
HSL	22°, 100%, 33%
HSV	22°, 100%, 67%
XYZ	18.3551, 12.1011, 1.3683
YIQ	87.8110, 83.9950, 3.0910

Conversions

Conversions Part 2

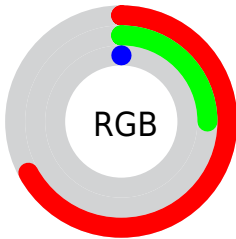
Format	Color
R _Y B	170, 100, 0
Decimal	11157248
CIE Lab	41.38, 41.70, 52.43
CIE LCh	41, 66.985, 51.504
Yxy	12.1011, 0.5768, 0.3802
Android (android.graphics.Color)	4289347328 (0xFFAA3F00)
YUV	87.8110, -43.2908, 72.0798
Hunter-Lab	34.7866, 33.3087, 22.0185

Details

The Hex color **AA3F00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006BAA**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **E87337**, and **6D0400** is the 20% darker color. If you saturate the color by 10%, you get **AA3F00**, and if you desaturate by 10%, it is **AA4A11**.

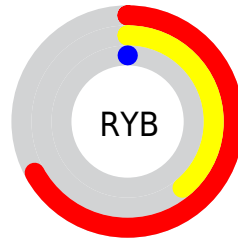
Distribution



Red (67%)

Green (25%)

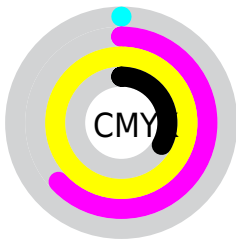
Blue (0%)



Red (67%)

Yellow (39%)

Blue (0%)

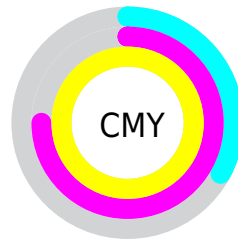


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3F00 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 AA3F00 by changing the saturation by 10% instead.

 AA3F00

 AA3F00

 FFFFF3

 8C2500

 E87337

 6D0400

 FF8D50

 500000

 FFA969

 360001

 FFC483

 0C0000

 FFE19E

 000000

 FFFEBA

 FFFF00

 AA3F00

 AA4A11

 AA5422

 AA5F33

 AA6A44

 AA7455

 AA7F66

 AA8A77

 AA9588

 AA9F99

Harmonies

Analogous

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



BE1A3D



AA3F00



845A00

Triad

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



AA3F00



007850



2B5AC9

Complementary

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



AA3F00



006BAA

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.



006DD0



AA3F00



007989

Square

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



AA3F00



007411



0076B8



923BA7

Rectangle

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



AA3F00



646600



0076B8



0062CF

Sweetspot

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



AA3F00



DEB49B



AA006C



705748



F0F0F0



707070

Same Dimension

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



AA3F00



DE5200



AA9300



544F4C



943700



140800

Inverse Universe

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



006BAA



008CDE



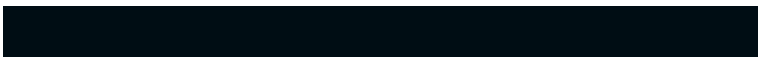
0017AA



4C5154



005D94



000D14

Previews

White Background



This preview shows how the Hex color AA3F00 looks on a white background.

Color Contrast Check

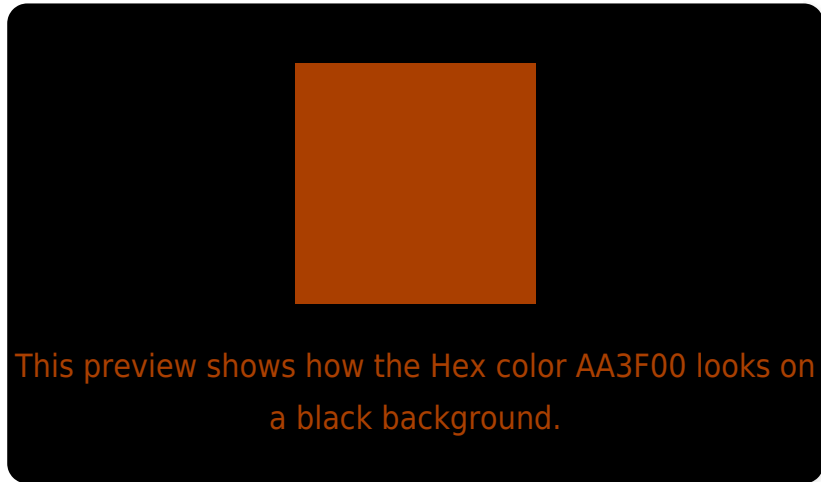
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA3F00 Background



This preview shows how black text looks on a background with the Hex color AA3F00.



This preview shows how white text looks on a background with the Hex color AA3F00.

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

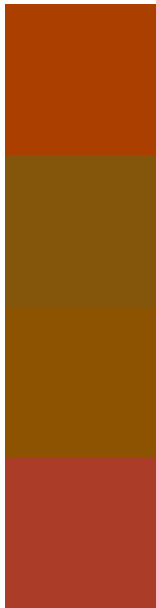


Original Color
AA3F00

Protanopia
6F6311

Deuteranopia
7C5E00

Trichromacy



Original Color
AA3F00

Protanomaly
84560B

Deuteranomaly
8D5300

Tritanomaly
AB3C27

Monochromacy



Original Color
AA3F00

Achromatopsia
585858

Achromatomaly
764F38

CSS Examples

Text

The CSS property to change the color of the text to Hex AA3F00 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 #AA3F00 looks like.

```
.text, #text, p{  
    color:#AA3F00  
}
```

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 #AA3F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3F00  
}
```

Border

The CSS property to change the border of an element to Hex AA3F00 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  
#AA3F00 }
```

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

```
.border{ border-color:#AA3F00 }
```

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

Here you see how a box with a 4 pixel #AA3F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3F00; -webkit-box-shadow:4px 4px  
4px 4px #AA3F00; box-shadow:4px 4px 4px  
4px #AA3F00 }
```

Background

The CSS property to change the background color of an element to Hex AA3F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3F00 }
```

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

```
.background{ background-color:#AA3F00 }
```

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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