

Converting Colors

Hex(AF3111)

Have a look what the booklet for
Hex(AF3111) contains.

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Color

Hex(AF3111)

Conversions

Conversions Part 1

Format	Color
Hex	AF3111
RGB	175, 49, 17
RGB Percent	69%, 19%, 7%
CMY	0.3137, 0.8078, 0.9333
CMYK	0.00, 0.72, 0.90, 0.31
HSL	12°, 82%, 38%
HSV	12°, 90%, 69%
XYZ	18.8787, 11.3511, 1.7263
YIQ	83.0260, 85.3680, 16.7600

Conversions

Conversions Part 2

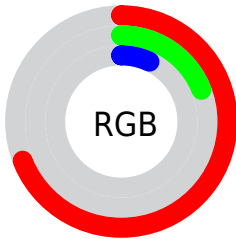
Format	Color
R_{YB}	175, 57, 17
Decimal	11481361
CIE _{Lab}	40.17, 49.64, 46.59
CIE _{LCh}	40, 68.079, 43.189
Yxy	11.3511, 0.5908, 0.3552
Android (android.graphics.Color)	4289671441 (0xFFAF3111)
YUV	83.0260, -32.5508, 80.6612
Hunter-Lab	33.6913, 41.0613, 20.5460

Details

The Hex color **AF3111** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **118FAF**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **EE6741**, and **720000** is the 20% darker color. If you saturate the color by 10%, you get **AF2300**, and if you desaturate by 10%, it is **AF3F22**.

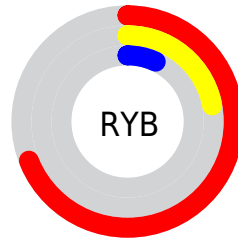
Distribution



Red (69%)

Green (19%)

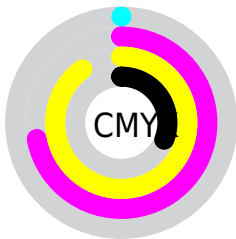
Blue (7%)



Red (69%)

Yellow (22%)

Blue (7%)

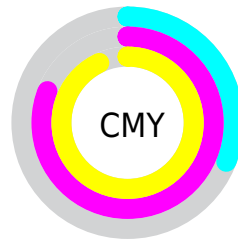


Cyan (0%)

Magenta (72%)

Yellow (90%)

Black (31%)



Cyan (31%)

Magenta (81%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF3111 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 AF3111 by changing the saturation by 10% instead.

 AF3111

 AF3111

FFFFFFC

 901000

 EE6741

 720000

 FF8259

 540000

 FF9E72

 390002

 FFBA8D

 110000

 FFD7A7

 000000

 FFF4C3

 FFFFDF

 AF3111

 AF3111

■ AF2300

■ AF3F22

■ AF4D34

■ AF5B46

■ AF6957

■ AF7769

■ AF857A

■ AF938B

■ AFA19D

■ AFAFAF

Harmonies

Analogous

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



BD0049



AF3111



8D5000

Triad

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



AF3111



00743C



005ECD

Complementary

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



AF3111



118FAF

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.



006ECA



AF3111



007677

Square

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



AF3111



086F00



0075AA



7D41B1

Rectangle

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



AF3111



6F5F00



0075AA



0064CF

Sweetspot

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



AF3111



E3B2A6



AF118F



73554E



F2F2F2



737373

Same Dimension

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



AF3111



E32E00



AF8011



57504E



961E00



170500

Inverse Universe

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



118FAF



00B5E3



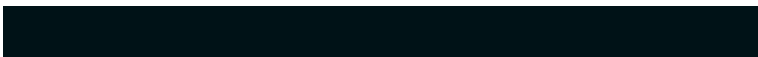
1140AF



4E5557



007896



001217

Previews

White Background



This preview shows how the Hex color AF3111 looks on a white background.

Color Contrast Check

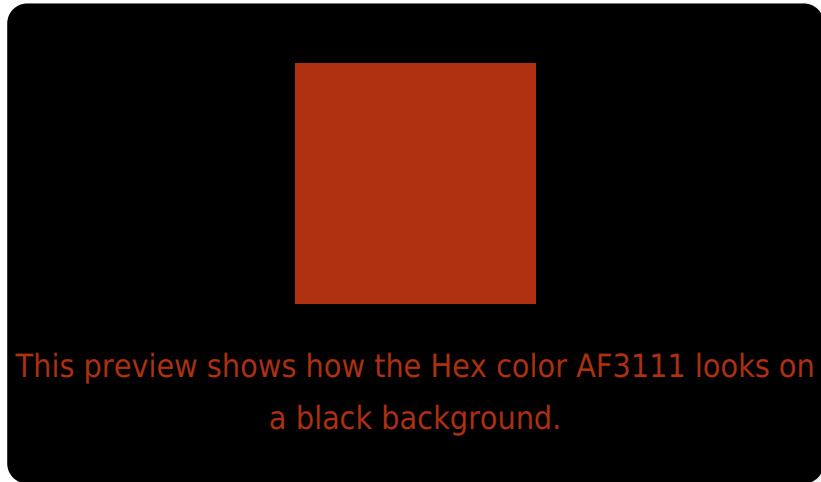
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF3111 Background



This preview shows how black text looks on a background with the Hex color AF3111.



This preview shows how white text looks on a background with the Hex color AF3111.

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

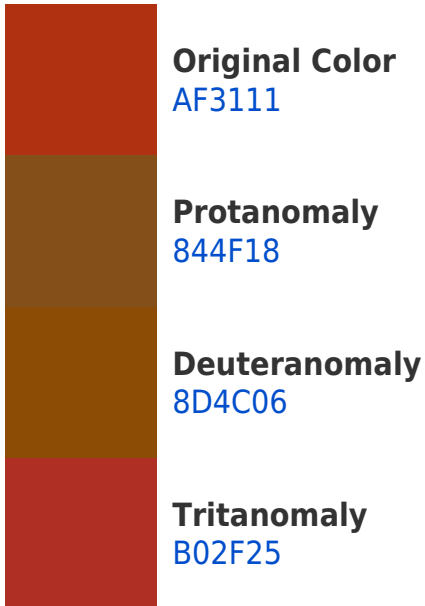


Original Color
AF3111

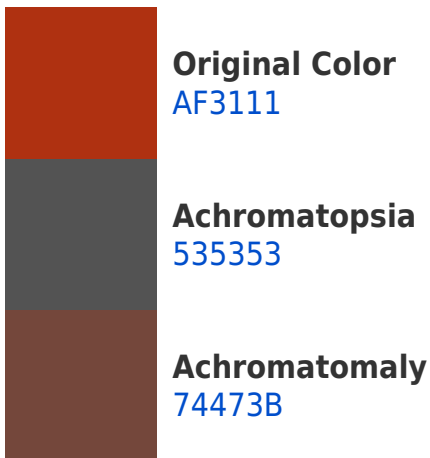
Protanopia
6B601C

Deuteranopia
795B00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF3111 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 #AF3111 looks like.

```
.text, #text, p{  
    color:#AF3111  
}
```

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 #AF3111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF3111
}
```

Border

The CSS property to change the border of an element to Hex AF3111 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
#AF3111 }
```

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

```
.border{ border-color:#AF3111 }
```

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

Here you see how a box with a 4 pixel #AF3111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF3111; -webkit-box-shadow:4px 4px  
4px 4px #AF3111; box-shadow:4px 4px 4px  
4px #AF3111 }
```

Background

The CSS property to change the background color of an element to Hex AF3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF3111 }
```

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

```
.background{ background-color:#AF3111 }
```

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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