

Converting Colors

Hex(AF1111)

Have a look what the booklet for
Hex(AF1111) contains.

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Color

Hex(AF1111)

Conversions

Conversions Part 1

Format	Color
Hex	AF1111
RGB	175, 17, 17
RGB Percent	69%, 7%, 7%
CMY	0.3137, 0.9333, 0.9333
CMYK	0.00, 0.90, 0.90, 0.31
HSL	0°, 82%, 38%
HSV	0°, 90%, 69%
XYZ	17.9808, 9.5553, 1.4270
YIQ	64.2420, 94.1680, 33.4960

Conversions

Conversions Part 2

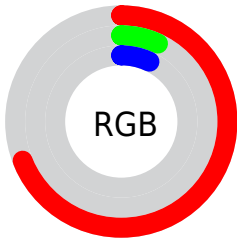
Format	Color
R_{YB}	175, 17, 17
Decimal	11473169
CIE _{Lab}	37.03, 58.44, 44.28
CIE _{LCh}	37, 73.324, 37.151
Yxy	9.5553, 0.6208, 0.3299
Android (android.graphics.Color)	4289663249 (0xFFAF1111)
YUV	64.2420, -23.2903, 97.1348
Hunter-Lab	30.9117, 49.7350, 18.9012

Details

The Hex color **AF1111** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **11AFAF**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **EF543F**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **AF0000**, and if you desaturate by 10%, it is **AF2222**.

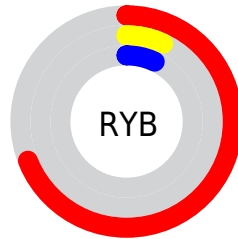
Distribution



Red (69%)

Green (7%)

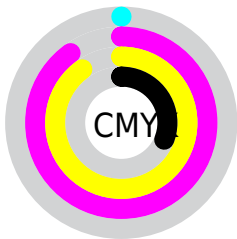
Blue (7%)



Red (69%)

Yellow (7%)

Blue (7%)

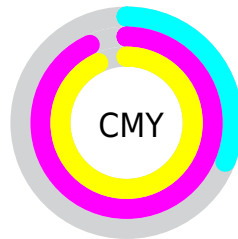


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (31%)



Cyan (31%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF1111 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 AF1111 by changing the saturation by 10% instead.

 AF1111

 AF1111

 FFFFF8

 900000

 EF543F

 710000

 FF7057

 520000

 FF8C70

 360002

 FFA889

 070000

 FFC5A4

 000000

 FFE2BF

 FFFFDB

 AF1111

 AF1111

■ AF0000

■ AF2222

■ AF3434

■ AF4646

■ AF5757

■ AF6969

■ AF7A7A

■ AF8B8B

■ AF9D9D

■ AFAFAF

Harmonies

Analogous

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



BA004C



AF1111



8E4200

Triad

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



AF1111



006C25



005BCF

Complementary

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



AF1111



11AFAF

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.



006AC6



AF1111



006E64

Square

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



AF1111



116600



006E9E



633EB7

Rectangle

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



AF1111



705300



006E9E



0061D0

Sweetspot

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



AF1111



E3A6A6



AF11AF



734E4E



F2F2F2



737373

Same Dimension

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



AF1111



E30000



AF6011



574E4E



960000



170000

Inverse Universe

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



11AFAF



00E3E3



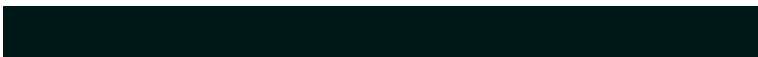
1160AF



4E5757



009696



001717

Previews

White Background



This preview shows how the Hex color AF1111 looks on a white background.

Color Contrast Check

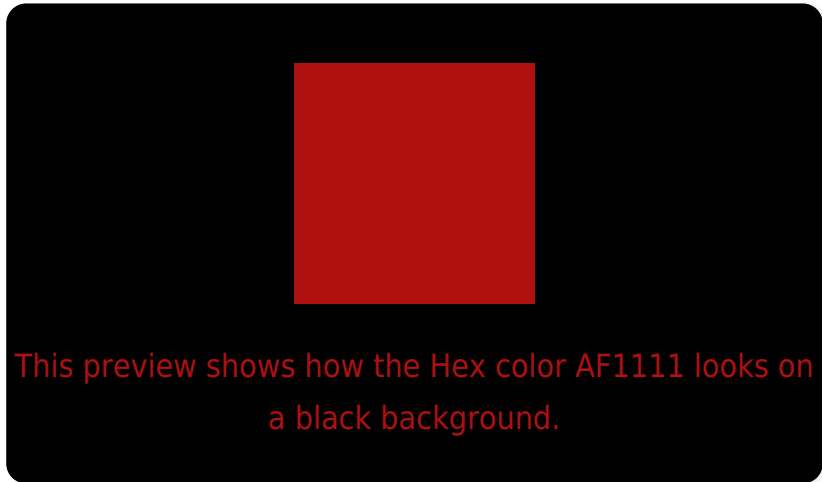
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 AF1111 Background



This preview shows how black text looks on a background with the Hex color AF1111.



This preview shows how white text looks on a background with the Hex color AF1111.

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

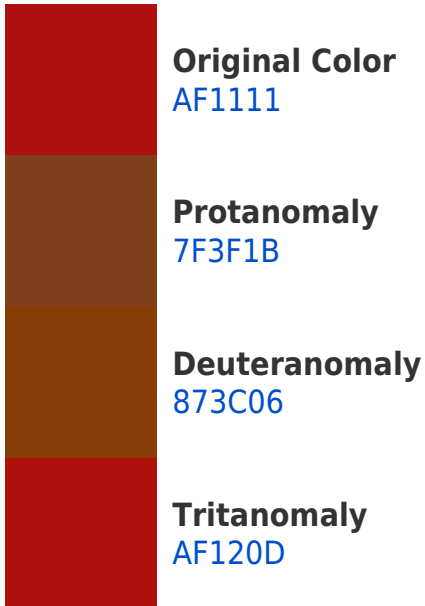


Original Color
AF1111

Protanopia
645920

Deuteranopia
705500

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF1111 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 #AF1111 looks like.

```
.text, #text, p{  
    color:#AF1111  
}
```

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 #AF1111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF1111
}
```

Border

The CSS property to change the border of an element to Hex AF1111 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
#AF1111 }
```

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

```
.border{ border-color:#AF1111 }
```

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

Here you see how a box with a 4 pixel #AF1111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF1111; -webkit-box-shadow:4px 4px  
4px 4px #AF1111; box-shadow:4px 4px 4px  
4px #AF1111 }
```

Background

The CSS property to change the background color of an element to Hex AF1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF1111 }
```

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

```
.background{ background-color:#AF1111 }
```

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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