

Converting Colors

Hex(AF2727)

Have a look what the booklet for
Hex(AF2727) contains.

Hex(AF2727)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AF2727)

Conversions

Conversions Part 1

Format	Color
Hex	AF2727
RGB	175, 39, 39
RGB Percent	69%, 15%, 15%
CMY	0.3137, 0.8471, 0.8471
CMYK	0.00, 0.78, 0.78, 0.31
HSL	0°, 64%, 42%
HSV	0°, 78%, 69%
XYZ	18.7709, 10.7115, 2.9976
YIQ	79.6640, 81.0560, 28.8320

Conversions

Conversions Part 2

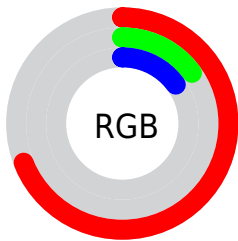
Format	Color
R_{YB}	175, 39, 39
Decimal	11478823
CIE _{Lab}	39.09, 53.72, 34.59
CIE _{LCh}	39, 63.891, 32.781
Yxy	10.7115, 0.5779, 0.3298
Android (android.graphics.Color)	4289668903 (0xFFAF2727)
YUV	79.6640, -20.0474, 83.6097
Hunter-Lab	32.7284, 45.1015, 17.4794

Details

The Hex color **AF2727** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **27AFAF**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **ED6055**, and **720000** is the 20% darker color. If you saturate the color by 10%, you get **AF1616**, and if you desaturate by 10%, it is **AF3939**.

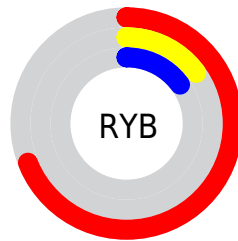
Distribution



Red (69%)

Green (15%)

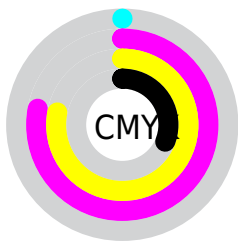
Blue (15%)



Red (69%)

Yellow (15%)

Blue (15%)

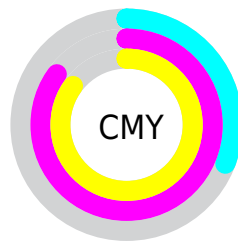


Cyan (0%)

Magenta (78%)

Yellow (78%)

Black (31%)



Cyan (31%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF2727 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 AF2727 by changing the saturation by 10% instead.

 AF2727

 AF2727

FFFFFF

 900012

 ED6055

 720000

 FF7C6D

 540000

 FF9787

 390002

 FFB4A1

 100000

 FFD0BC

 000000

 FFEDD8

 FFFFF5

 AF2727

 AF2727

 AF1616

 AF3939

 AF0404

 AF4A4A

 AF0000

 AF5C5C

 AF6D6D

 AF7F7F

 AF9090

 AFA2A2

 AFB3B3

 AFC5C5

Harmonies

Analogous

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



B40C5A



AF2727



954600

Triad

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



AF2727



006F28



0062C5

Complementary

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



AF2727



27AFAF

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.



006DB9



AF2727



007260

Square

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



AF2727



366800



007293



5D4BB5

Rectangle

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



AF2727



7B5600



007293



0067C4

Sweetspot

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



AF2727



E3AFAF



AF27AF



735353



F2F2F2



737373

Same Dimension

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



AF2727



E31010



AF6B27



574E4E



960000



170000

Inverse Universe

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



27AFAF



10E3E3



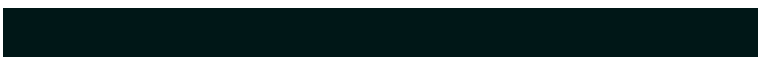
276BAF



4E5757



009696



001717

Previews

White Background



This preview shows how the Hex color AF2727 looks on a white background.

Color Contrast Check

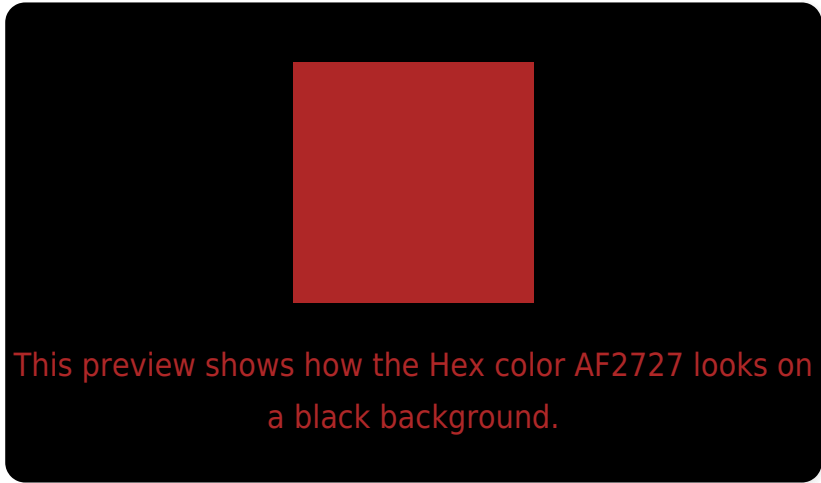
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF2727 Background



This preview shows how black text looks on a background with the Hex color AF2727.



This preview shows how white text looks on a background with the Hex color AF2727.

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

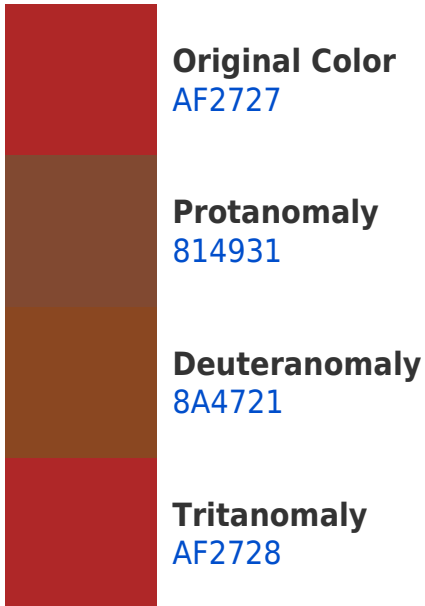


Original Color
AF2727

Protanopia
665D37

Deuteranopia
75591D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF2727 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 #AF2727 looks like.

```
.text, #text, p{  
    color:#AF2727  
}
```

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 #AF2727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF2727
}
```

Border

The CSS property to change the border of an element to Hex AF2727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

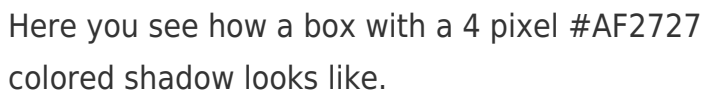
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF2727 }
```

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

```
.border{ border-color:#AF2727 }
```

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



Here you see how a box with a 4 pixel `#AF2727` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF2727; -webkit-box-shadow:4px 4px  
4px 4px #AF2727; box-shadow:4px 4px 4px  
4px #AF2727 }
```

Background

The CSS property to change the background color of an element to Hex AF2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2727 }
```

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

```
.background{ background-color:#AF2727 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor