

Converting Colors

Hex(AF222E)

Have a look what the booklet for
Hex(AF222E) contains.

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Color

Hex(AF222E)

Conversions

Conversions Part 1

Format	Color
Hex	AF222E
RGB	175, 34, 46
RGB Percent	69%, 13%, 18%
CMY	0.3137, 0.8667, 0.8196
CMYK	0.00, 0.81, 0.74, 0.31
HSL	355°, 67%, 41%
HSV	355°, 81%, 69%
XYZ	18.7444, 10.4553, 3.6149
YIQ	77.5270, 80.1840, 33.6240

Conversions

Conversions Part 2

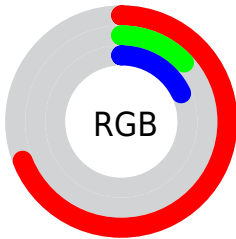
Format	Color
R _Y B	175, 34, 46
Decimal	11477550
CIE Lab	38.65, 55.49, 29.94
CIE LCh	39, 63.049, 28.350
Yxy	10.4553, 0.5712, 0.3186
Android (android.graphics.Color)	4289667630 (0xFFAF222E)
YUV	77.5270, -15.5428, 85.4838
Hunter-Lab	32.3346, 46.8908, 16.0058

Details

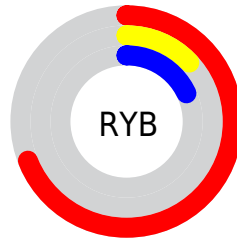
The Hex color **AF222E** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **22AFA3**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **ED5D5C**, and **730000** is the 20% darker color. If you saturate the color by 10%, you get **AF111E**, and if you desaturate by 10%, it is **AF333E**.

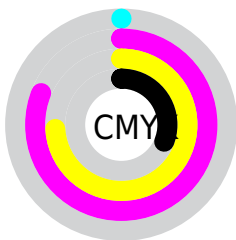
Distribution



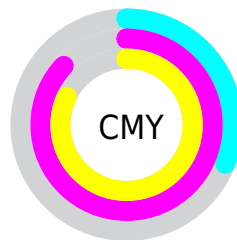
- Red (69%)
- Green (13%)
- Blue (18%)



- Red (69%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (81%)
- Yellow (74%)
- Black (31%)



- Cyan (31%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF222E 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 AF222E by changing the saturation by 10% instead.

 AF222E

 AF222E

FFFFFF

 900019

 ED5D5C

 730000

 FF7975

 540000

 FF958E

 390002

 FFB1A9

 100000

 FFCEC4

 000000

 FFEBE0

FFFFFFD

 AF222E

 AF222E

 AF111E

 AF333E

 AF000F

 AF454E

 AF575E

 AF686E

 AF7A7E

 AF8B8E

 AF9D9E

 AF000F

 AF000F

Harmonies

Analogous

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



B01060



AF222E



984200

Triad

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



AF222E



006D20



0063C3

Complementary

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



AF222E



22AFA3

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.



006DB2



AF222E



007057

Square

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



AF222E



3F6600



00718B



4C4FB6

Rectangle

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



AF222E



805200



00718B



0067C0

Sweetspot

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



AF222E



E3ACB1



A122AF



735154



F2F2F2



737373

Same Dimension

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



AF222E



E3071A



AF5A22



574E4F



96000D



170002

Inverse Universe

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



AF222E



E3071A



2277AF



574E4F



96000D



170002

Previews

White Background



This preview shows how the Hex color AF222E looks on a white background.

Color Contrast Check

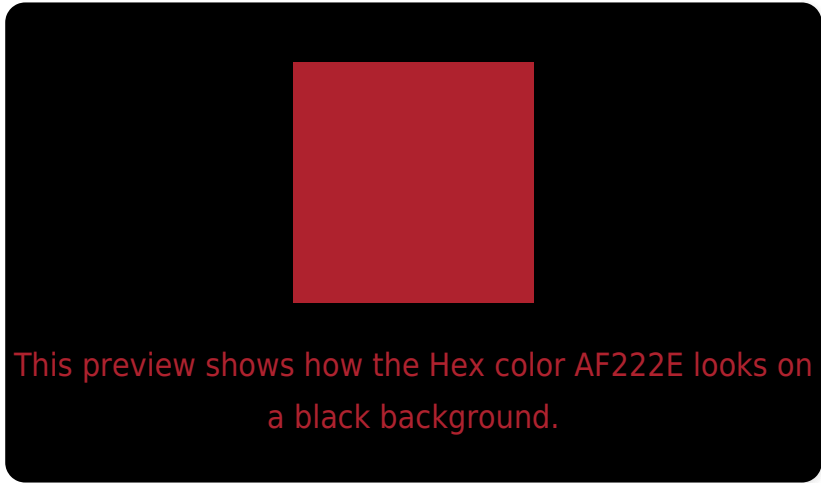
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF222E Background



This preview shows how black text looks on a background with the Hex color AF222E.



This preview shows how white text looks on a background with the Hex color AF222E.

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
AF222E

Protanopia
645C41

Deuteranopia
735825

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF222E 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 #AF222E looks like.

```
.text, #text, p{  
    color:#AF222E  
}
```

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 #AF222E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF222E
}
```

Border

The CSS property to change the border of an element to Hex AF222E is called "border". The border property can be set on classes, ids or directly on the HTML element.

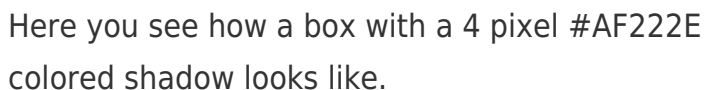
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF222E }
```

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

```
.border{ border-color:#AF222E }
```

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



Here you see how a box with a 4 pixel #AF222E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF222E; -webkit-box-shadow:4px 4px  
4px 4px #AF222E; box-shadow:4px 4px 4px  
4px #AF222E }
```

Background

The CSS property to change the background color of an element to Hex AF222E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF222E }
```

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

```
.background{ background-color:#AF222E }
```

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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