

Converting Colors

Hex(AF042B)

Have a look what the booklet for
Hex(AF042B) contains.

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Color

Hex(AF042B)

Conversions

Conversions Part 1

Format	Color
Hex	AF042B
RGB	175, 4, 43
RGB Percent	69%, 2%, 17%
CMY	0.3137, 0.9843, 0.8314
CMYK	0.00, 0.98, 0.75, 0.31
HSL	346°, 96%, 35%
HSV	346°, 98%, 69%
XYZ	18.1587, 9.3752, 3.1380
YIQ	59.5750, 89.3970, 48.3810

Conversions

Conversions Part 2

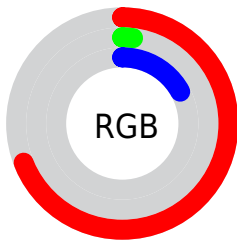
Format	Color
RYB	175, 4, 43
Decimal	11469867
CIELab	36.70, 60.83, 29.54
CIELCh	37, 67.623, 25.900
Yxy	9.3752, 0.5920, 0.3057
Android (android.graphics.Color)	4289659947 (0xFFAF042B)
YUV	59.5750, -8.1715, 101.2277
Hunter-Lab	30.6190, 52.2767, 15.3569

Details

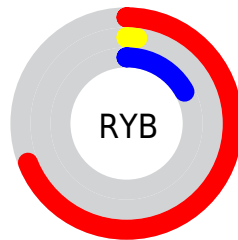
The Hex color **AF042B** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **04AF88**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **EE5058**, and **720000** is the 20% darker color. If you saturate the color by 10%, you get **AF0028**, and if you desaturate by 10%, it is **AF1539**.

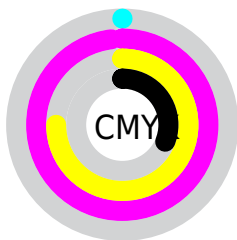
Distribution



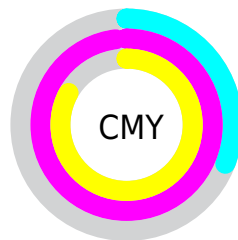
- Red (69%)
- Green (2%)
- Blue (17%)



- Red (69%)
- Yellow (2%)
- Blue (17%)



- Cyan (0%)
- Magenta (98%)
- Yellow (75%)
- Black (31%)



- Cyan (31%)
- Magenta (98%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF042B 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 AF042B by changing the saturation by 10% instead.

 AF042B

 AF042B

FFFFFF

 900017

 EE5058

 720000

 FF6D71

 530001

 FF898A

 370002

 FFA6A5

 090000

 FFC2C0

 000000

 FFE0DC

 FFFDF8

 AF042B

 AF042B

■ AF0028

■ AF1539

■ AF2746

■ AF3854

■ AF4A61

■ AF5B6F

■ AF6D7C

■ AF7E8A

■ AF9097

■ AFA2A5

Harmonies

Analogous

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



AF0060



AF042B



983800

Triad

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



AF042B



00680E



0060C5

Complementary

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



AF042B



04AF88

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.



006AB1



AF042B



006C4D

Square

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



AF042B



3C6100



006D85



354BBA

Rectangle

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



AF042B



7F4A00



006D85



0064C1

Sweetspot

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



AF042B



E3A1B0



8704AF



734B54



F2F2F2



737373

Same Dimension

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



AF042B



E30034



AF3204



574E50



960022



170005

Inverse Universe

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



AF042B



E30034



0481AF



574E50



960022



170005

Previews

White Background



This preview shows how the Hex color AF042B looks on a white background.

Color Contrast Check

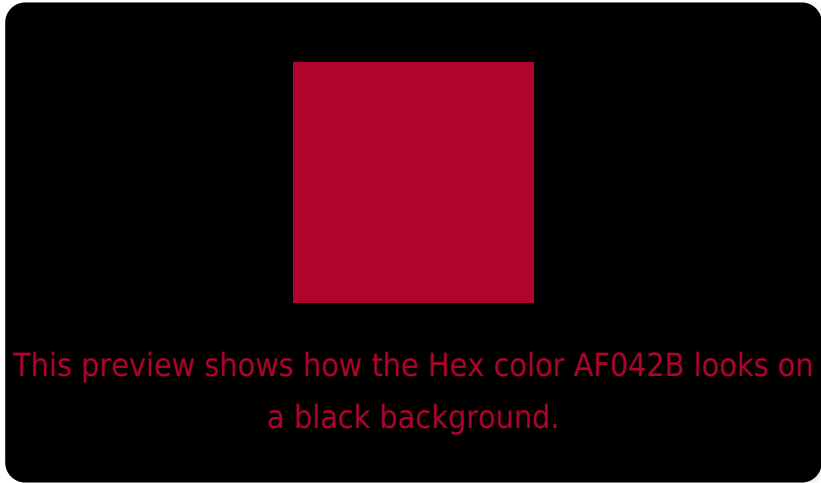
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF042B Background



This preview shows how black text looks on a background with the Hex color AF042B.



This preview shows how white text looks on a background with the Hex color AF042B.

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
AF042B

Protanopia
605941

Deuteranopia
6F5421

Trichromacy



Original Color
AF042B

Protanomaly
7D3A39

Deuteranomaly
863725

Tritanomaly
AE0D17

Monochromacy



Original Color
AF042B

Achromatopsia
3C3C3C

Achromatomaly
662836

CSS Examples

Text

The CSS property to change the color of the text to Hex AF042B 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 #AF042B looks like.

```
.text, #text, p{  
    color:#AF042B  
}
```

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 #AF042B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF042B }  
}
```

Border

The CSS property to change the border of an element to Hex AF042B 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 #AF042B }  
}
```

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

```
.border{ border-color:#AF042B }
```

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

Here you see how a box with a 4 pixel #AF042B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF042B; -webkit-box-shadow:4px 4px  
4px 4px #AF042B; box-shadow:4px 4px 4px  
4px #AF042B }
```

Background

The CSS property to change the background color of an element to Hex AF042B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF042B }
```

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

```
.background{ background-color:#AF042B }
```

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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