

Converting Colors

Hex(AF0026)

Have a look what the booklet for
Hex(AF0026) contains.

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Color

Hex(AF0026)

Conversions

Conversions Part 1

Format	Color
Hex	AF0026
RGB	175, 0, 38
RGB Percent	69%, 0%, 15%
CMY	0.3137, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.78, 0.31
HSL	347°, 100%, 34%
HSV	347°, 100%, 69%
XYZ	18.0290, 9.2539, 2.6697
YIQ	56.6570, 92.1020, 48.9180

Conversions

Conversions Part 2

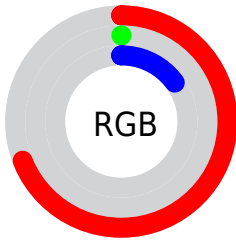
Format	Color
R_YB	175, 0, 38
Decimal	11468838
CIE Lab	36.47, 61.13, 32.36
CIE LCh	36, 69.166, 27.896
Yxy	9.2539, 0.6019, 0.3090
Android (android.graphics.Color)	4289658918 (0xFFAF0026)
YUV	56.6570, -9.1979, 103.7868
Hunter-Lab	30.4202, 52.5556, 16.0909

Details

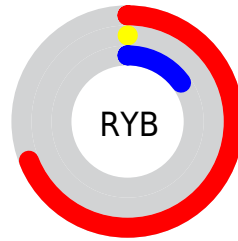
The Hex color **AF0026** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **00AF89**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **EE4F53**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **AF0026**, and if you desaturate by 10%, it is **AF1134**.

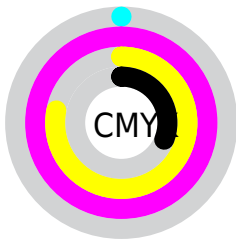
Distribution



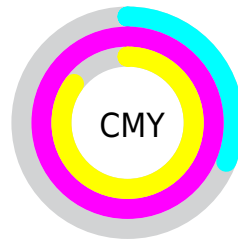
- Red (69%)
- Green (0%)
- Blue (15%)



- Red (69%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF0026 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 AF0026 by changing the saturation by 10% instead.

 AF0026

 AF0026

FFFFFF

 900012

 EE4F53

 710000

 FF6C6B

 530001

 FF8885

 360002

 FFA49F

 070000

 FFC1BA

 000000

 FFDFD5

 FFFCF2

 AF0026

 AF1134

 AF2341

 AF354F

 AF465D

 AF586A

 AF6978

 AF7A86

 AF8C94

 AF9EA1

Harmonies

Analogous

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



B1005C



AF0026



963800

Triad

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



AF0026



006811



005FC7

Complementary

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



AF0026



00AF89

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.



0069B5



AF0026



006C50

Square

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



AF0026



366100



006C89



3D49BA

Rectangle

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



AF0026



7C4B00



006C89



0063C4

Sweetspot

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



AF0026



E39FAE



8600AF



734952



F2F2F2



737373

Same Dimension

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



AF0026



E30031



AF2F00



574E50



960021



170005

Inverse Universe

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



AF0026



E30031



0080AF



574E50



960021



170005

Previews

White Background



This preview shows how the Hex color AF0026 looks on a white background.

Color Contrast Check

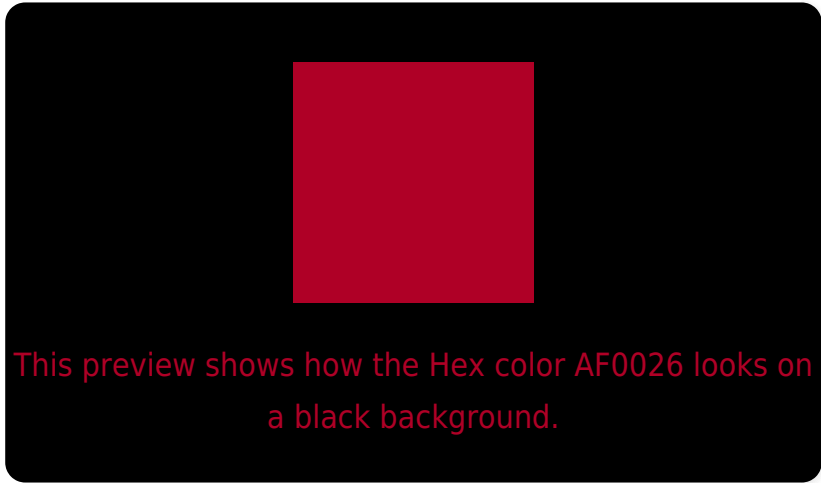
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF0026 Background



This preview shows how black text looks on a background with the Hex color AF0026.

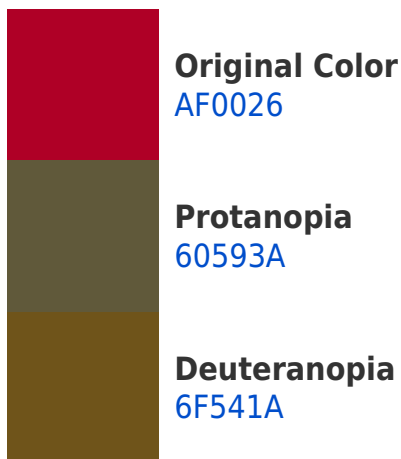


This preview shows how white text looks on a background with the Hex color AF0026.

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



Trichromacy



Original Color
AF0026

Protanomaly
7D3933

Deuteranomaly
86351E

Tritanomaly
AF0A12

Monochromacy



Original Color
AF0026

Achromatopsia
393939

Achromatomaly
642432

CSS Examples

Text

The CSS property to change the color of the text to Hex AF0026 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 #AF0026 looks like.

```
.text, #text, p{  
    color:#AF0026  
}
```

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 #AF0026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF0026
}
```

Border

The CSS property to change the border of an element to Hex AF0026 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
#AF0026 }
```

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

```
.border{ border-color:#AF0026 }
```

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

Here you see how a box with a 4 pixel #AF0026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF0026; -webkit-box-shadow:4px 4px  
4px 4px #AF0026; box-shadow:4px 4px 4px  
4px #AF0026 }
```

Background

The CSS property to change the background color of an element to Hex AF0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF0026 }
```

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

```
.background{ background-color:#AF0026 }
```

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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