

# Converting Colors

Hex(AF2936)

Have a look what the booklet for  
Hex(AF2936) contains.

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# Color

**Hex(AF2936)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF2936
RGB	175, 41, 54
RGB Percent	69%, 16%, 21%
CMY	0.3137, 0.8392, 0.7882
CMYK	0.00, 0.77, 0.69, 0.31
HSL	354°, 62%, 42%
HSV	354°, 77%, 69%
XYZ	19.1380, 10.9662, 4.5980
YIQ	82.5480, 75.6910, 32.4510

# Conversions

## Conversions Part 2

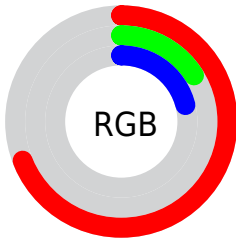
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 41, 54
Decimal	11479350
CIE <sub>Lab</sub>	39.52, 53.73, 26.08
CIE <sub>LCh</sub>	40, 59.730, 25.893
Yxy	10.9662, 0.5515, 0.3160
Android (android.graphics.Color)	4289669430 (0xFFAF2936)
YUV	82.5480, -14.0742, 81.0804
Hunter-Lab	33.1152, 45.2073, 14.9483

# Details

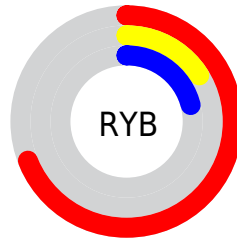
The Hex color **AF2936** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **29AFA2**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **ED6265**, and **73000B** is the 20% darker color. If you saturate the color by 10%, you get **AF1726**, and if you desaturate by 10%, it is **AF3A46**.

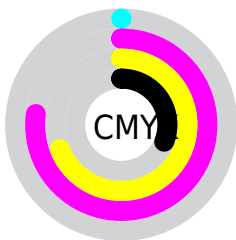
# Distribution



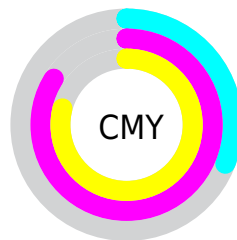
- Red (69%)
- Green (16%)
- Blue (21%)



- Red (69%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (77%)
- Yellow (69%)
- Black (31%)



- Cyan (31%)
- Magenta (84%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF2936 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 AF2936 by changing the saturation by 10% instead.



 AF2936

 AF2936

FFFFFF

 910021

 ED6265

 73000B

 FF7D7E

 550000

 FF9998

 3B0002

 FFB5B2

 140000

 FFD2CE

 000000

 FFEFEA

 AF2936

 AF2936

 AF1726

 AF3A46

 AF0616

 AF4C56

 AF0011

 AF5D65

 AF6F75

 AF8185

 AF9295

 AFA3A5

 AFB5B4

 AFC6C4

# Harmonies

## Analogous

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



AE2066



AF2936



9A4302

# Triad

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



AF2936



006E21



0065BF

# Complementary

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



AF2936



29AFA2

# 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.



006FAE



AF2936



007255

# Square

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



AF2936



486700



007287



4853B6

# Rectangle

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



AF2936



845300



007287



0069BC



# Sweetspot

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



AF2936



E3AFB4



A229AF



735356



F2F2F2



737373



# Same Dimension

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



AF2936



E31226



AF5F29



574E4F



96000F



170002



# Inverse Universe

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



AF2936



E31226



2979AF



574E4F



96000F



170002



# Previews

## White Background



This preview shows how the Hex color AF2936 looks on a white background.

## Color Contrast Check

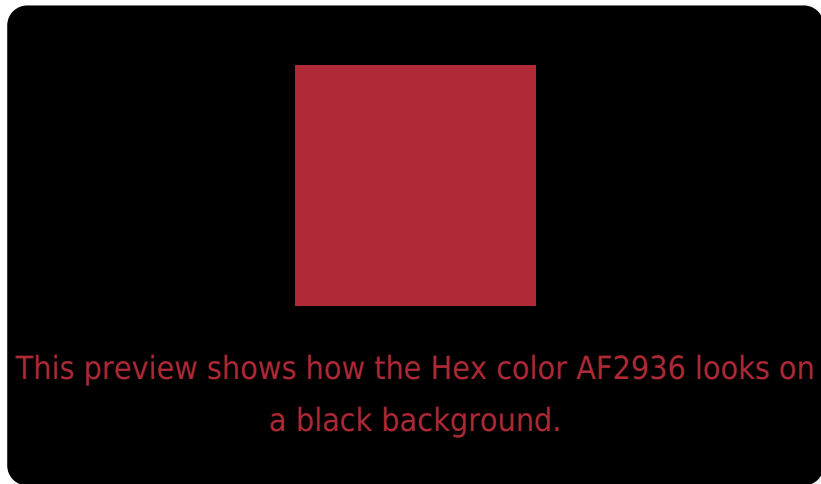
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF2936 Background



This preview shows how black text looks on a background with the Hex color AF2936.

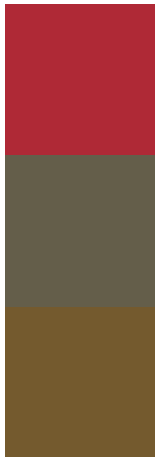


This preview shows how white text looks on a background with the Hex color AF2936.

# 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**  
AF2936

**Protanopia**  
645E4A

**Deuteranopia**  
745A2E



# Trichromacy



**Original Color**  
AF2936

**Protanomaly**  
7F4B43

**Deuteranomaly**  
894831

**Tritanomaly**  
AF2A30

# Monochromacy



**Original Color**  
AF2936

**Achromatopsia**  
535353

**Achromatomaly**  
744448

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF2936 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 #AF2936 looks like.

```
.text, #text, p{  
    color:#AF2936  
}
```

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 #AF2936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF2936
}
```

## Border

The CSS property to change the border of an element to Hex AF2936 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".

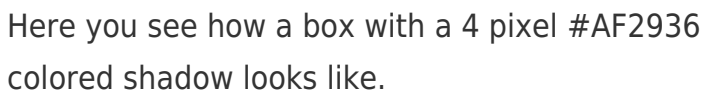
```
.border, #border, table{ border:4px solid
#AF2936 }
```

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

```
.border{ border-color:#AF2936 }
```

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

Here you see how a box with a 4 pixel #AF2936 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF2936; -webkit-box-shadow:4px 4px  
4px 4px #AF2936; box-shadow:4px 4px 4px  
4px #AF2936 }
```

# Background

The CSS property to change the background color of an element to Hex AF2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2936 }
```

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

```
.background{ background-color:#AF2936 }
```

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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