

Converting Colors

Hex(AF2539)

Have a look what the booklet for
Hex(AF2539) contains.

Hex(AF2539)	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(AF2539)

Conversions

Conversions Part 1

Format	Color
Hex	AF2539
RGB	175, 37, 57
RGB Percent	69%, 15%, 22%
CMY	0.3137, 0.8549, 0.7765
CMYK	0.00, 0.79, 0.67, 0.31
HSL	351°, 65%, 42%
HSV	351°, 79%, 69%
XYZ	19.0793, 10.7325, 4.9369
YIQ	80.5420, 75.8280, 35.4760

Conversions

Conversions Part 2

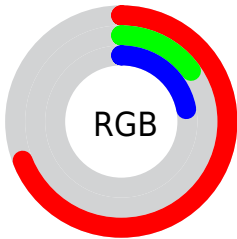
Format	Color
R_{YB}	175, 37, 57
Decimal	11478329
CIE Lab	39.13, 55.15, 23.73
CIE LCh	39, 60.035, 23.281
Yxy	10.7325, 0.5491, 0.3089
Android (android.graphics.Color)	4289668409 (0xFFAF2539)
YUV	80.5420, -11.6062, 82.8397
Hunter-Lab	32.7605, 46.6252, 13.9976

Details

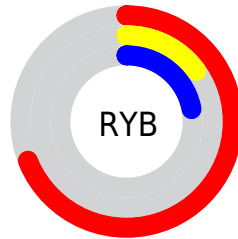
The Hex color **AF2539** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **25AF9B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **ED5F68**, and **73000F** is the 20% darker color. If you saturate the color by 10%, you get **AF142A**, and if you desaturate by 10%, it is **AF3748**.

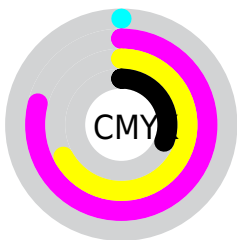
Distribution



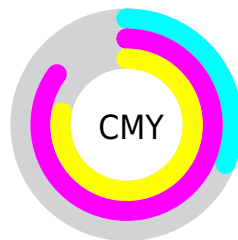
- Red (69%)
- Green (15%)
- Blue (22%)



- Red (69%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (79%)
- Yellow (67%)
- Black (31%)



- Cyan (31%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF2539 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 AF2539 by changing the saturation by 10% instead.

 AF2539

 AF2539

FFFFFF

 910024

 ED5F68

 73000F

 FF7B81

 560000

 FF979B

 3A0002

 FFB3B6

 130000

 FFD0D1

 000000

 FFEDEE

 AF2539

 AF2539

 AF142A

 AF3748

 AF021B

 AF4857

 AF0019

 AF5A66

 AF6B75

 AF7D84

 AF8E93

 AFA0A2

 AFB1B1

 AFC3C0

Harmonies

Analogous

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



AC1F69



AF2539



9C4005

Triad

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



AF2539



006D1B



0066BE

Complementary

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



AF2539



25AF9B

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.



006EAA



AF2539



00714F

Square

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



AF2539



4C6500



007182



3C54B7

Rectangle

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



AF2539



865000



007182



0069BA

Sweetspot

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



AF2539



E3ACB4



9A25AF



735156



F2F2F2



737373

Same Dimension

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



AF2539



E30B2B



AF5525



574E4F



960016



170003

Inverse Universe

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



AF2539



E30B2B



257FAF



574E4F



960016



170003

Previews

White Background



This preview shows how the Hex color AF2539 looks on a white background.

Color Contrast Check

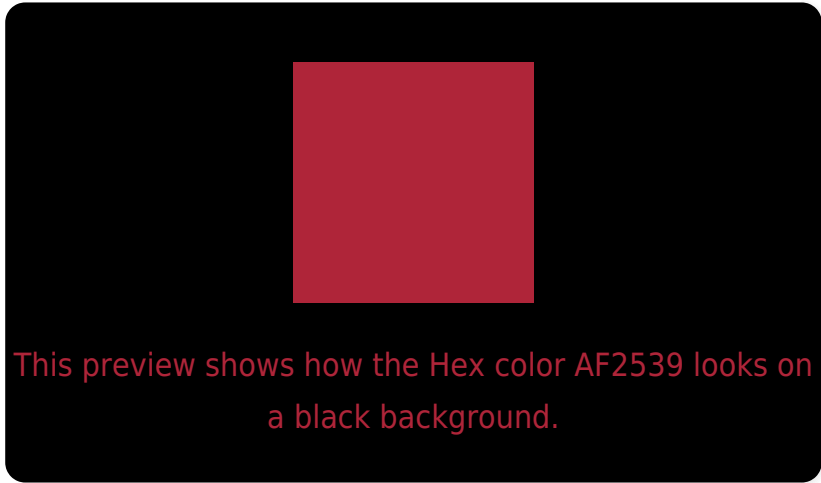
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF2539 Background



This preview shows how black text looks on a background with the Hex color AF2539.

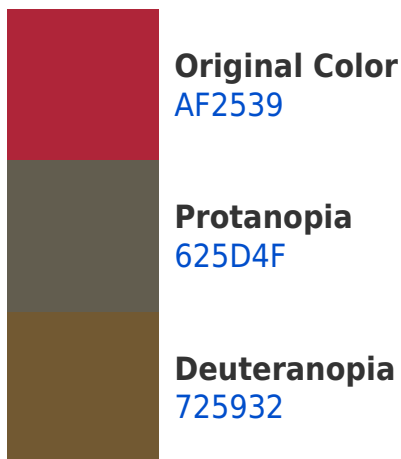


This preview shows how white text looks on a background with the Hex color AF2539.

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
AF2539

Protanomaly
7E4947

Deuteranomaly
884635

Tritanomaly
AE272F

Monochromacy



Original Color
AF2539

Achromatopsia
515151

Achromatomaly
734148

CSS Examples

Text

The CSS property to change the color of the text to Hex AF2539 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 #AF2539 looks like.

```
.text, #text, p{  
    color:#AF2539  
}
```

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 #AF2539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF2539
}
```

Border

The CSS property to change the border of an element to Hex AF2539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

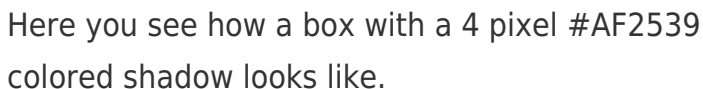
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF2539 }
```

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

```
.border{ border-color:#AF2539 }
```

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



Here you see how a box with a 4 pixel #AF2539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF2539; -webkit-box-shadow:4px 4px  
4px 4px #AF2539; box-shadow:4px 4px 4px  
4px #AF2539 }
```

Background

The CSS property to change the background color of an element to Hex AF2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2539 }
```

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

```
.background{ background-color:#AF2539 }
```

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