

# Converting Colors

Hex(AF2B8F)

Have a look what the booklet for  
Hex(AF2B8F) contains.

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# Color

**Hex(AF2B8F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF2B8F
RGB	175, 43, 143
RGB Percent	69%, 17%, 56%
CMY	0.3137, 0.8314, 0.4392
CMYK	0.00, 0.75, 0.18, 0.31
HSL	315°, 61%, 43%
HSV	315°, 75%, 69%
XYZ	23.5010, 12.8249, 27.2234
YIQ	93.8680, 46.5720, 59.0840

# Conversions

## Conversions Part 2

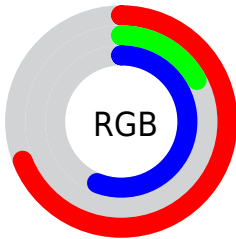
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 43, 143
Decimal	11479951
CIE <sub>Lab</sub>	42.50, 61.68, -25.14
CIE <sub>LCh</sub>	42, 66.602, 337.826
Yxy	12.8249, 0.3698, 0.2018
Android (android.graphics.Color)	4289670031 (0xFFAF2B8F)
YUV	93.8680, 24.2221, 71.1528
Hunter-Lab	35.8118, 54.4673, -20.0027

# Details

The Hex color **AF2B8F** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **2BAF4B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **EA66C5**, and **76005C** is the 20% darker color. If you saturate the color by 10%, you get **AF1A8B**, and if you desaturate by 10%, it is **AF3D93**.

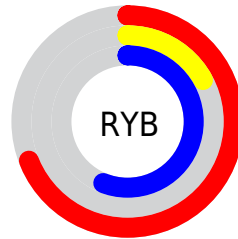
# Distribution



Red (69%)

Green (17%)

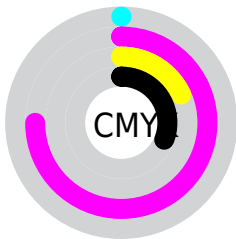
Blue (56%)



Red (69%)

Yellow (17%)

Blue (56%)

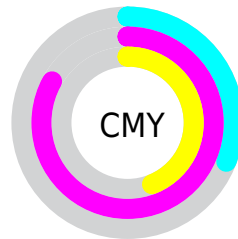


Cyan (0%)

Magenta (75%)

Yellow (18%)

Black (31%)



Cyan (31%)

Magenta (83%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF2B8F 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 AF2B8F by changing the saturation by 10% instead.



 AF2B8F

 AF2B8F

FFFFFF

 920075

 EA66C5

 76005C

 FF82E1

 5B0044

 FF9EFE

 41002E

 FFBBFF

 260018

 FFD8FF

 000000

 FFF5FF

 AF2B8F

 AF2B8F

 AF1A8B

 AF3D93

■ AF0887

■ AF4E97

■ AF0085

■ AF609C

■ AF71A0

■ AF83A4

■ AF94A8

■ AFA6AD

■ AFB7B1

■ AFC9B5

# Harmonies

## Analogous

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



754EBC



AF2B8F



C31558

# Triad

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



AF2B8F



6D6700



007BA7

# Complementary

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



AF2B8F



2BAF4B

# 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.



007C72



AF2B8F



2E7300

# Square

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



AF2B8F



9A5200



007938



0075CB

# Rectangle

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



AF2B8F



BF2835



007938



007C97



# Sweetspot

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



AF2B8F



E3AFD6



4A2BAF



73536B



F2F2F2



737373



# Same Dimension

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



AF2B8F



E314B1



AF2B4E



574E55



960072



170011



# Inverse Universe

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



AF2B8F



E314B1



2BAF8C



574E55



960072



170011



# Previews

## White Background



This preview shows how the Hex color AF2B8F looks on a white background.

## Color Contrast Check

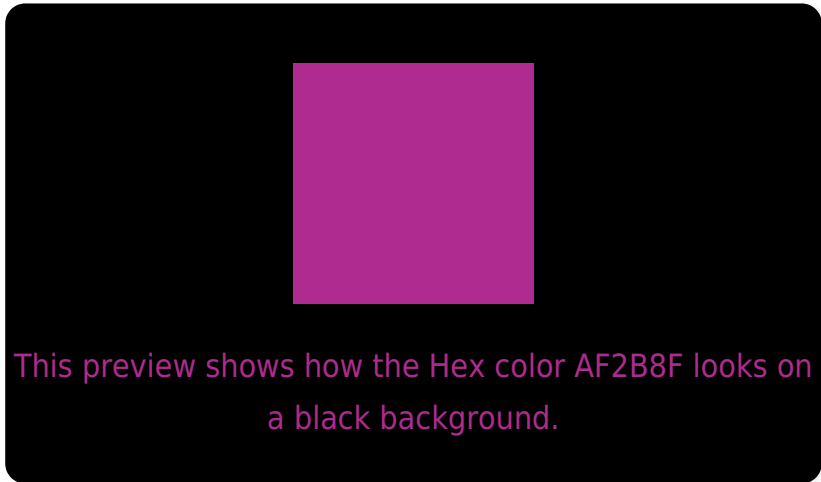
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF2B8F Background



This preview shows how black text looks on a background with the Hex color AF2B8F.



This preview shows how white text looks on a background with the Hex color AF2B8F.

# 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](#).

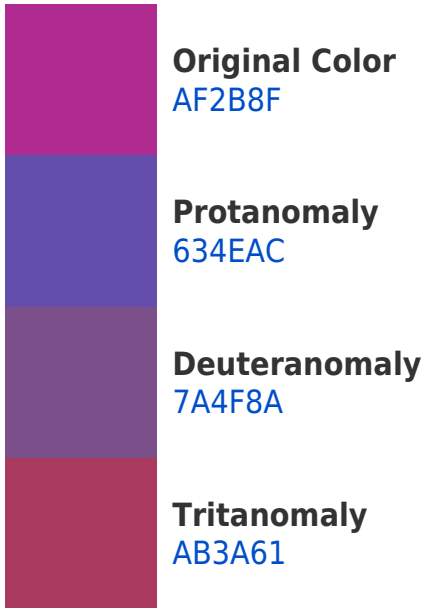
## Dichromacy





**Tritanopia**  
A94347

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF2B8F 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 #AF2B8F looks like.

```
.text, #text, p{  
    color:#AF2B8F  
}
```

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 #AF2B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF2B8F
}
```

## Border

The CSS property to change the border of an element to Hex AF2B8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

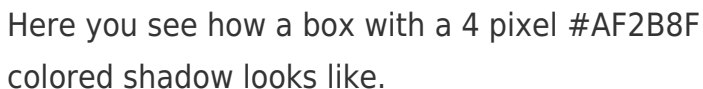
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF2B8F }
```

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

```
.border{ border-color:#AF2B8F }
```

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



Here you see how a box with a 4 pixel `#AF2B8F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF2B8F; -webkit-box-shadow:4px 4px  
4px 4px #AF2B8F; box-shadow:4px 4px 4px  
4px #AF2B8F }
```

# Background

The CSS property to change the background color of an element to Hex AF2B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2B8F }
```

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

```
.background{ background-color:#AF2B8F }
```

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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