

# Converting Colors

Hex(AF018E)

Have a look what the booklet for  
Hex(AF018E) contains.

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**Color**

**Hex(AF018E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF018E
RGB	175, 1, 142
RGB Percent	69%, 0%, 56%
CMY	0.3137, 0.9961, 0.4431
CMYK	0.00, 0.99, 0.19, 0.31
HSL	311°, 99%, 35%
HSV	311°, 99%, 69%
XYZ	22.5725, 11.0887, 26.5418
YIQ	69.1000, 58.4430, 80.7390

# Conversions

## Conversions Part 2

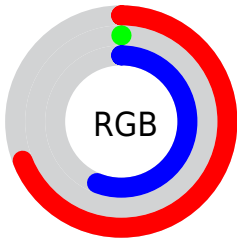
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 1, 142
Decimal	11469198
CIE <sub>Lab</sub>	39.73, 69.42, -28.85
CIE <sub>LCh</sub>	40, 75.179, 337.433
Yxy	11.0887, 0.3749, 0.1842
Android (android.graphics.Color)	4289659278 (0xFFAF018E)
YUV	69.1000, 35.9397, 92.8743
Hunter-Lab	33.2996, 62.7238, -23.9479

# Details

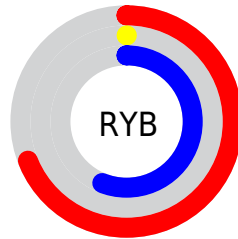
The Hex color **AF018E** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **01AF22**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **EA54C4**, and **76005B** is the 20% darker color. If you saturate the color by 10%, you get **AF008E**, and if you desaturate by 10%, it is **AF1291**.

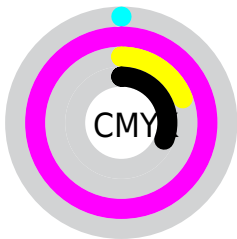
# Distribution



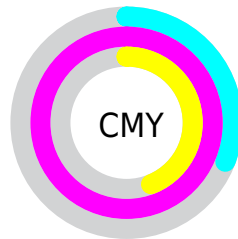
- Red (69%)
- Green (0%)
- Blue (56%)



- Red (69%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (99%)
- Yellow (19%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF018E 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 AF018E by changing the saturation by 10% instead.



 AF018E

 AF018E

FFFFFF

 920074

 EA54C4

 76005B

 FF71E0

 5A0043

 FF8EFD

 40002D

 FFABFF

 220017

 FFC8FF

 000000

 FFE6FF

 AF018E

 AF018E

 AF008E

 AF1291

 AF2495

 AF3698

 AF479B

 AF599F

 AF6AA2

 AF7CA5

 AF8DA9

 AF9FAC

# Harmonies

## Analogous

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



6C44C1



AF018E



C40051

# Triad

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



AF018E



656000



0076A8

# Complementary

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



AF018E



01AF22

# 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.



00766C



AF018E



166D00

# Square

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



AF018E



974800



00732A



0071D0

# Rectangle

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



AF018E



C0002A



00732A



007695



# Sweetspot

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



AF018E



E39FD6



2101AF



73496B



F2F2F2



737373



# Same Dimension

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



AF018E



E300B8



AF0138



574E55



96007A



170013



# Inverse Universe

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



AF018E



E300B8



01AF78



574E55



96007A



170013



# Previews

## White Background



This preview shows how the Hex color AF018E looks on a white background.

## Color Contrast Check

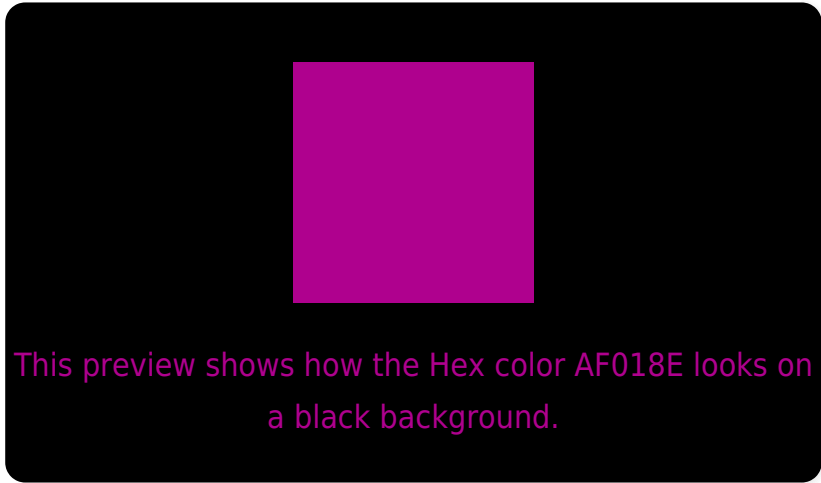
Large Text (above 18pt) WCAG AA ✓ Pass

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

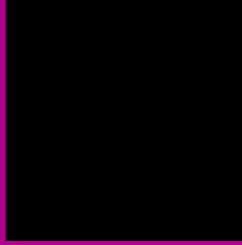
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AF018E Background



This preview shows how black text looks on a background with the Hex color AF018E.

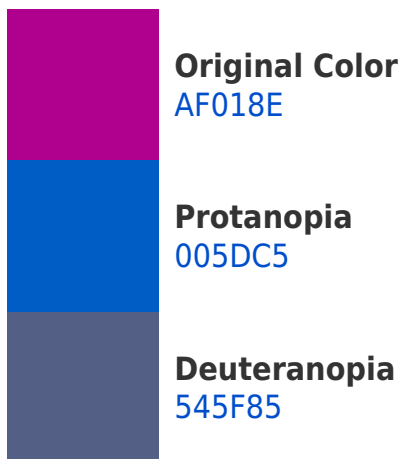


This preview shows how white text looks on a background with the Hex color AF018E.

# 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**  
A8383B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF018E 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 #AF018E looks like.

```
.text, #text, p{  
    color:#AF018E  
}
```

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 #AF018E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF018E
}
```

## Border

The CSS property to change the border of an element to Hex AF018E is called "border". The border property can be set on classes, ids or directly on the HTML element.

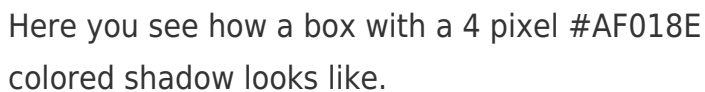
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF018E }
```

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

```
.border{ border-color:#AF018E }
```

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



Here you see how a box with a 4 pixel `#AF018E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF018E; -webkit-box-shadow:4px 4px  
4px 4px #AF018E; box-shadow:4px 4px 4px  
4px #AF018E }
```

# Background

The CSS property to change the background color of an element to Hex AF018E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF018E }
```

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

```
.background{ background-color:#AF018E }
```

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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