

# Converting Colors

Hex(AF2A6A)

Have a look what the booklet for  
Hex(AF2A6A) contains.

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# Color

**Hex(AF2A6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF2A6A
RGB	175, 42, 106
RGB Percent	69%, 16%, 42%
CMY	0.3137, 0.8353, 0.5843
CMYK	0.00, 0.76, 0.39, 0.31
HSL	331°, 61%, 43%
HSV	331°, 76%, 69%
XYZ	21.1087, 11.8105, 14.8028
YIQ	89.0630, 58.7240, 48.1000

# Conversions

## Conversions Part 2

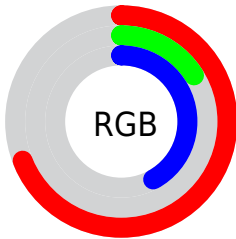
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 42, 106
Decimal	11479658
CIE Lab	40.91, 57.48, -4.71
CIE LCh	41, 57.669, 355.313
Yxy	11.8105, 0.4423, 0.2475
Android (android.graphics.Color)	4289669738 (0xFFAF2A6A)
YUV	89.0630, 8.3499, 75.3667
Hunter-Lab	34.3664, 49.4978, -1.4817

# Details

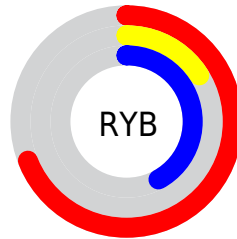
The Hex color **AF2A6A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2AAF6F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **EA649D**, and **75003B** is the 20% darker color. If you saturate the color by 10%, you get **AF1961**, and if you desaturate by 10%, it is **AF3B73**.

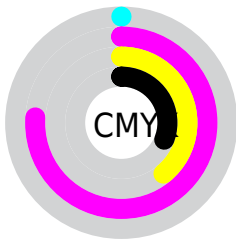
# Distribution



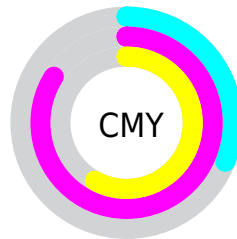
- Red (69%)
- Green (16%)
- Blue (42%)



- Red (69%)
- Yellow (16%)
- Blue (42%)



- Cyan (0%)
- Magenta (76%)
- Yellow (39%)
- Black (31%)



- Cyan (31%)
- Magenta (84%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF2A6A 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 AF2A6A by changing the saturation by 10% instead.





AF2A6A



AF2A6A

FFFFFF



920052



EA649D



75003B



FF80B8



590025



FF9CD4



400010



FFB8F0



200001



FFD5FF



000000



FFF3FF



AF2A6A



AF2A6A



AF1961



AF3B73

 AF0758

 AF4D7C

 AF0054

 AF5F85

 AF708E

 AF8297

 AF93A0

 AFA4AA

 AFB6B3

 AFC8BC

# Harmonies

## Analogous

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



913F97



AF2A6A



B1303B

# Triad

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



AF2A6A



4E6A00



0072AE

# Complementary

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



AF2A6A



2AAF6F

# 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.



007588



AF2A6A



007126

# Square

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



AF2A6A



7B5C00



007557



0069BF

# Rectangle

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



AF2A6A



A63F1D



007557



0074A3



# Sweetspot

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



AF2A6A



E3AFC8



6F2AAF



735362



F2F2F2



737373



# Same Dimension

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



AF2A6A



E31478



AF2C2A



574E52



960048



17000B



# Inverse Universe

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



AF2A6A



E31478



2AADAF



574E52



960048



17000B



# Previews

## White Background



This preview shows how the Hex color AF2A6A looks on a white background.

## Color Contrast Check

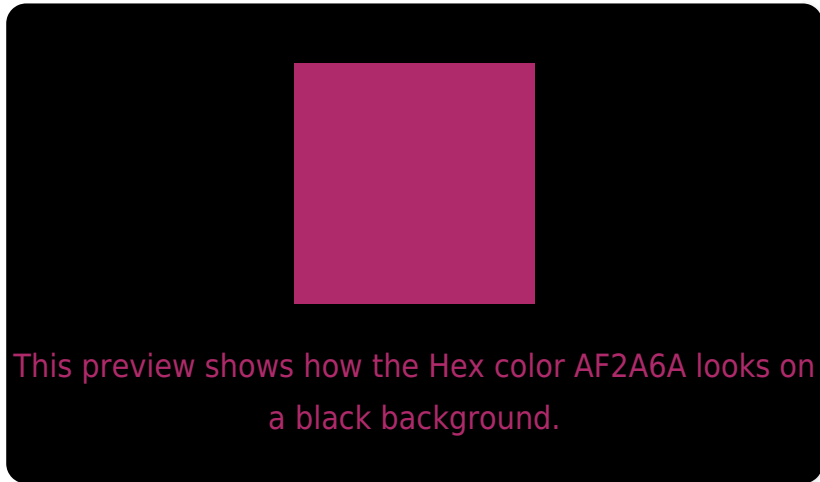
Large Text (above 18pt) WCAG AA ✓ Pass

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

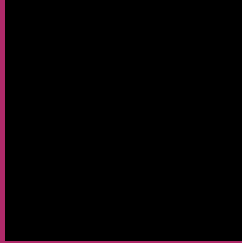
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AF2A6A Background



This preview shows how black text looks on a background with the Hex color AF2A6A.

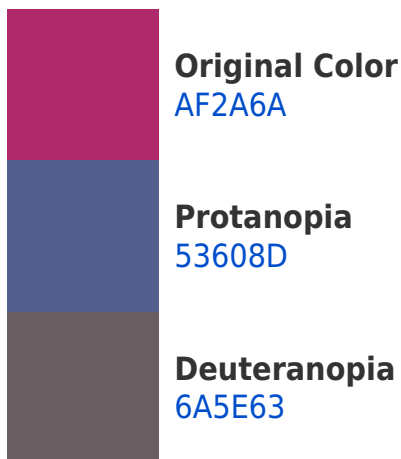


This preview shows how white text looks on a background with the Hex color AF2A6A.

# 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



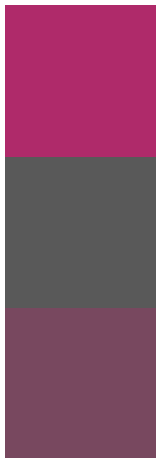
**Original Color**  
AF2A6A

**Protanomaly**  
744C80

**Deuteranomaly**  
834B66

**Tritanomaly**  
AD324B

# Monochromacy



**Original Color**  
AF2A6A

**Achromatopsia**  
595959

**Achromatomaly**  
78485F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF2A6A 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 #AF2A6A looks like.

```
.text, #text, p{  
    color:#AF2A6A  
}
```

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 #AF2A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF2A6A
}
```

## Border

The CSS property to change the border of an element to Hex AF2A6A 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
#AF2A6A }
```

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

```
.border{ border-color:#AF2A6A }
```

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

Here you see how a box with a 4 pixel #AF2A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF2A6A; -webkit-box-shadow:4px 4px  
4px 4px #AF2A6A; box-shadow:4px 4px 4px  
4px #AF2A6A }
```

# Background

The CSS property to change the background color of an element to Hex AF2A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2A6A }
```

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

```
.background{ background-color:#AF2A6A }
```

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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