

Converting Colors

Hex(AF247D)

Have a look what the booklet for
Hex(AF247D) contains.

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Color

Hex(AF247D)

Conversions

Conversions Part 1

Format	Color
Hex	AF247D
RGB	175, 36, 125
RGB Percent	69%, 14%, 49%
CMY	0.3137, 0.8588, 0.5098
CMYK	0.00, 0.79, 0.29, 0.31
HSL	322°, 66%, 41%
HSV	322°, 79%, 69%
XYZ	22.0117, 11.8564, 20.5304
YIQ	87.7070, 54.2750, 57.1470

Conversions

Conversions Part 2

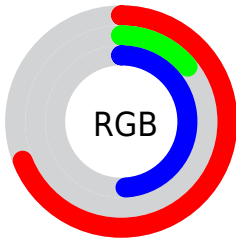
Format	Color
R_{YB}	175, 36, 125
Decimal	11478141
CIE _{Lab}	40.99, 61.42, -16.43
CIE _{LCh}	41, 63.577, 345.021
Yxy	11.8564, 0.4046, 0.2180
Android (android.graphics.Color)	4289668221 (0xFFAF247D)
YUV	87.7070, 18.3854, 76.5560
Hunter-Lab	34.4331, 53.8502, -11.2479

Details

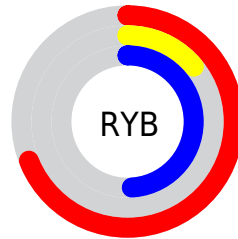
The Hex color **AF247D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **24AF56**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **EA61B2**, and **76004C** is the 20% darker color. If you saturate the color by 10%, you get **AF1277**, and if you desaturate by 10%, it is **AF3683**.

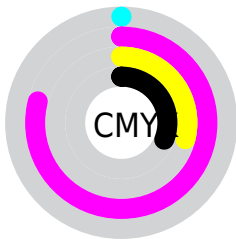
Distribution



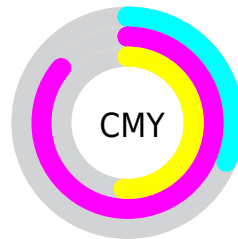
- Red (69%)
- Green (14%)
- Blue (49%)



- Red (69%)
- Yellow (14%)
- Blue (49%)



- Cyan (0%)
- Magenta (79%)
- Yellow (29%)
- Black (31%)



- Cyan (31%)
- Magenta (86%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF247D 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 AF247D by changing the saturation by 10% instead.

 AF247D

 AF247D

FFFFFF

 920064

 EA61B2

 76004C

 FF7DCD

 5A0035

 FF99E9

 400020

 FFB6FF

 240003

 FFD3FF

 000000

 FFF0FF

 AF247D

 AF247D

 AF1277

 AF3683

■ AF0170

■ AF478A

■ AF0070

■ AF5990

■ AF6A96

■ AF7C9C

■ AF8DA3

■ AF9FA9

■ AFB0AF

■ AFC2B6

Harmonies

Analogous

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



8244AB



AF247D



BA1D49

Triad

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



AF247D



5E6600



0075AA

Complementary

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



AF247D



24AF56

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.



00777A



AF247D



137103

Square

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



AF247D



8B5500



007544



006EC6

Rectangle

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



AF247D



B33028



007544



00769C

Sweetspot

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



AF247D



E3ACCF



5524AF



735167



F2F2F2



737373

Same Dimension

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



AF247D



E30B95



AF2439



574E54



960060



17000F

Inverse Universe

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



AF247D



E30B95



24AF9A



574E54



960060



17000F

Previews

White Background



This preview shows how the Hex color AF247D looks on a white background.

Color Contrast Check

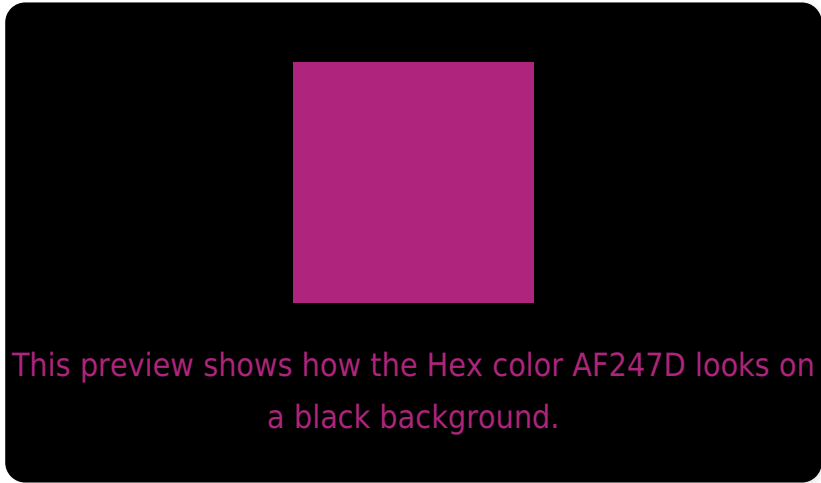
Large Text (above 18pt) WCAG AA ✓ Pass

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

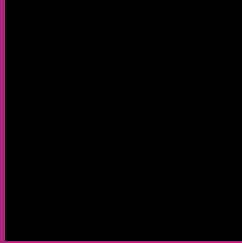
Any Text WCAG AA × Fail

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 AF247D Background



This preview shows how black text looks on a background with the Hex color AF247D.

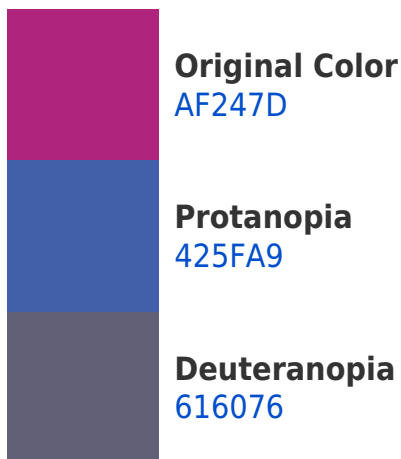


This preview shows how white text looks on a background with the Hex color AF247D.

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
AF247D



Protanomaly
6A4A99



Deuteranomaly
7D4A79

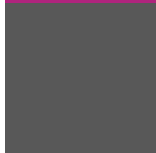


Tritanomaly
AC3254

Monochromacy



Original Color
AF247D



Achromatopsia
585858



Achromatomaly
784565

CSS Examples

Text

The CSS property to change the color of the text to Hex AF247D 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 #AF247D looks like.

```
.text, #text, p{  
    color:#AF247D  
}
```

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 #AF247D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF247D
}
```

Border

The CSS property to change the border of an element to Hex AF247D 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
#AF247D }
```

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

```
.border{ border-color:#AF247D }
```

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

Here you see how a box with a 4 pixel #AF247D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF247D; -webkit-box-shadow:4px 4px  
4px 4px #AF247D; box-shadow:4px 4px 4px  
4px #AF247D }
```

Background

The CSS property to change the background color of an element to Hex AF247D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF247D }
```

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

```
.background{ background-color:#AF247D }
```

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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