

Converting Colors

Hex(AB173F)

Have a look what the booklet for
Hex(AB173F) contains.

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Color

Hex(AB173F)

Conversions

Conversions Part 1

Format	Color
Hex	AB173F
RGB	171, 23, 63
RGB Percent	67%, 9%, 25%
CMY	0.3294, 0.9098, 0.7529
CMYK	0.00, 0.87, 0.63, 0.33
HSL	344°, 76%, 38%
HSV	344°, 87%, 67%
XYZ	17.9982, 9.6296, 5.6127
YIQ	71.8120, 75.3680, 43.8160

Conversions

Conversions Part 2

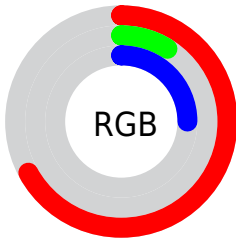
Format	Color
RYB	171, 23, 63
Decimal	11212607
CIELab	37.17, 57.94, 17.24
CIElCh	37, 60.454, 16.567
Yxy	9.6296, 0.5415, 0.2897
Android (android.graphics.Color)	4289402687 (0xFFAB173F)
YUV	71.8120, -4.3443, 86.9879
Hunter-Lab	31.0316, 49.2239, 10.9983

Details

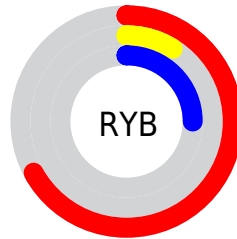
The Hex color **AB173F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **17AB83**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **E8576E**, and **6F0016** is the 20% darker color. If you saturate the color by 10%, you get **AB0633**, and if you desaturate by 10%, it is **AB284B**.

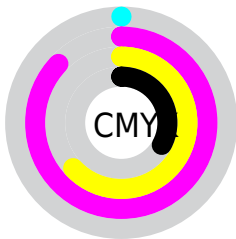
Distribution



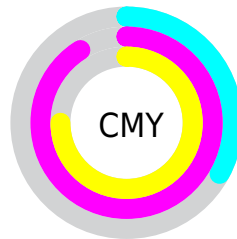
- Red (67%)
- Green (9%)
- Blue (25%)



- Red (67%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (87%)
- Yellow (63%)
- Black (33%)



- Cyan (33%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB173F 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 AB173F by changing the saturation by 10% instead.

 AB173F

 AB173F

FFFFFF

 8D0029

 E8576E

 6F0016

 FF7388

 520000

 FF8FA2

 360002

 FFABBD

 070000

 FFC8D8

 000000

 FFE5F5

 AB173F

 AB173F

 AB0633

 AB284B

 AB002E

 AB3958

 AB4A64

 AB5B71

 AB6C7D

 AB7E8A

 AB8F96

 ABA0A3

 ABB1AF

Harmonies

Analogous

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



A21C6F



AB173F



9C350E

Triad

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



AB173F



016704



0064B7

Complementary

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



AB173F



17AB83

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.



006B9E



AB173F



006B3F

Square

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



AB173F



525D00



006C72



0054B6

Rectangle

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



AB173F



894600



006C72



0067B1

Sweetspot

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



AB173F



DEA4B4



8117AB



704D57



F0F0F0



707070

Same Dimension

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



AB173F



DE003C



AB3717



574E50



960029



170006

Inverse Universe

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



AB173F



DE003C



178BAB



574E50



960029



170006

Previews

White Background



This preview shows how the Hex color AB173F looks on a white background.

Color Contrast Check

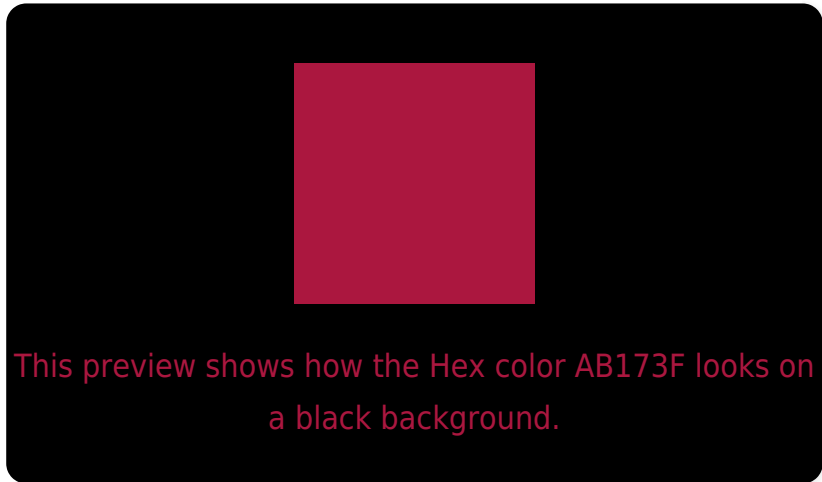
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 AB173F Background



This preview shows how black text looks on a background with the Hex color AB173F.

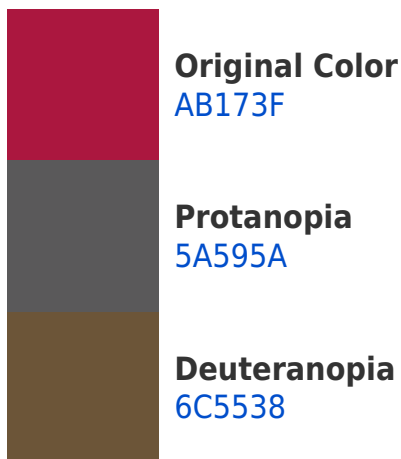


This preview shows how white text looks on a background with the Hex color AB173F.

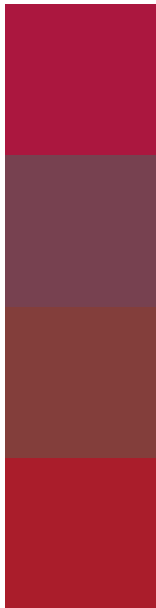
Color Blindness Simulation

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
AB173F

Protanomaly
774150

Deuteranomaly
833E3B

Tritanomaly
AA1D2B

Monochromacy



Original Color
AB173F

Achromatopsia
484848

Achromatomaly
6C3645

CSS Examples

Text

The CSS property to change the color of the text to Hex AB173F 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 #AB173F looks like.

```
.text, #text, p{  
    color:#AB173F  
}
```

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 #AB173F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB173F  
}
```

Border

The CSS property to change the border of an element to Hex AB173F is called "border". The border property can be set on classes, ids or directly on the HTML element.

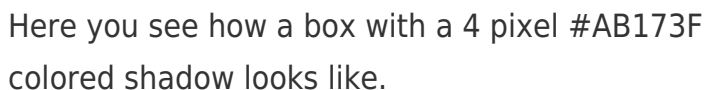
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AB173F }
```

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

```
.border{ border-color:#AB173F }
```

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



Here you see how a box with a 4 pixel `#AB173F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB173F; -webkit-box-shadow:4px 4px  
4px 4px #AB173F; box-shadow:4px 4px 4px  
4px #AB173F }
```

Background

The CSS property to change the background color of an element to Hex AB173F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB173F }
```

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

```
.background{ background-color:#AB173F }
```

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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