

# Converting Colors

Hex(BA1B3F)

Have a look what the booklet for  
Hex(BA1B3F) contains.

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# Color

Hex(BA1B3F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA1B3F
RGB	186, 27, 63
RGB Percent	73%, 11%, 25%
CMY	0.2706, 0.8941, 0.7529
CMYK	0.00, 0.85, 0.66, 0.27
HSL	346°, 75%, 42%
HSV	346°, 85%, 73%
XYZ	21.5388, 11.5819, 5.8029
YIQ	78.6450, 83.2080, 44.9040

# Conversions

## Conversions Part 2

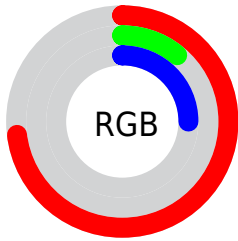
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 27, 63
Decimal	12196671
CIE <sub>Lab</sub>	40.54, 61.11, 22.22
CIE <sub>LCh</sub>	41, 65.028, 19.984
Yxy	11.5819, 0.5534, 0.2976
Android (android.graphics.Color)	4290386751 (0xFFBA1B3F)
YUV	78.6450, -7.7130, 94.1503
Hunter-Lab	34.0321, 53.4160, 13.7128

# Details

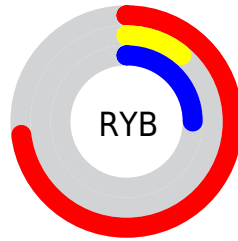
The Hex color **BA1B3F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1BBA96**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **F85C6E**, and **7D0016** is the 20% darker color. If you saturate the color by 10%, you get **BA0831**, and if you desaturate by 10%, it is **BA2E4D**.

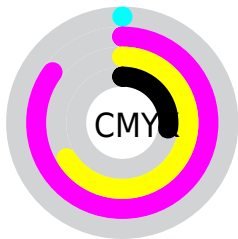
# Distribution



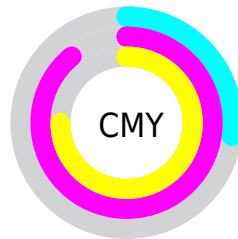
- Red (73%)
- Green (11%)
- Blue (25%)



- Red (73%)
- Yellow (11%)
- Blue (25%)



- Cyan (0%)
- Magenta (85%)
- Yellow (66%)
- Black (27%)



- Cyan (27%)
- Magenta (89%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA1B3F 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 BA1B3F by changing the saturation by 10% instead.



 BA1B3F

 BA1B3F

FFFFFF

 9B0029

 F85C6E

 7D0016

 FF7888

 5F0000

 FF94A2

 430003

 FFB1BD

 220001

 FFCED8

 000000

 FFEBF5

 BA1B3F

 BA1B3F

 BA0831

 BA2E4D

 BA002A

 BA405C

 BA536A

 BA6579

 BA7887

 BA8B95

 BA9DA4

 BAB0B2

 BAC2C0

# Harmonies

## Analogous

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



B31974



BA1B3F



A73D06

# Triad

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



BA1B3F



00710E



006CCA

# Complementary

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



BA1B3F



1BBA96

# 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.



0074B1



BA1B3F



00754B

# Square

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



BA1B3F



536800



007683



205AC5

# Rectangle

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



BA1B3F



914F00



007683



006FC4



# Sweetspot

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



BA1B3F



F2B3C2



951BBA



7A545D



F9FAFA



7A7A7A



# Same Dimension

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



BA1B3F



F20037



BA451B



5C5355



9C0023



1C0006



# Inverse Universe

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



BA1B3F



F20037



1B90BA



5C5355



9C0023



1C0006



# Previews

## White Background



This preview shows how the Hex color BA1B3F looks on a white background.

## Color Contrast Check

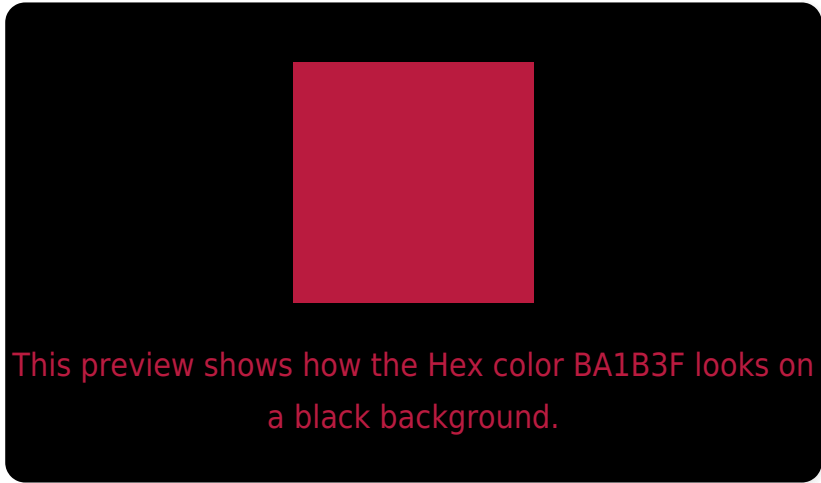
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA1B3F Background



This preview shows how black text looks on a background with the Hex color BA1B3F.



This preview shows how white text looks on a background with the Hex color BA1B3F.

# 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



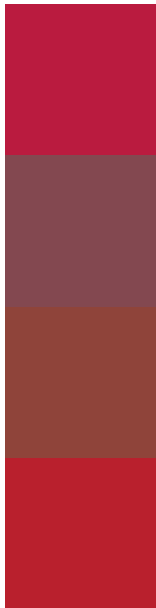
**Original Color**  
BA1B3F

**Protanopia**  
64615A

**Deuteranopia**  
765C37



# Trichromacy



**Original Color**  
BA1B3F

**Protanomaly**  
834850

**Deuteranomaly**  
8F443A

**Tritanomaly**  
B9202D

# Monochromacy



**Original Color**  
BA1B3F

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
763C49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA1B3F 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 #BA1B3F looks like.

```
.text, #text, p{  
    color:#BA1B3F  
}
```

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 #BA1B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA1B3F
}
```

## Border

The CSS property to change the border of an element to Hex BA1B3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

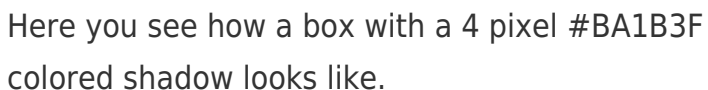
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA1B3F }
```

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

```
.border{ border-color:#BA1B3F }
```

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



Here you see how a box with a 4 pixel #BA1B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA1B3F; -webkit-box-shadow:4px 4px  
4px 4px #BA1B3F; box-shadow:4px 4px 4px  
4px #BA1B3F }
```

# Background

The CSS property to change the background color of an element to Hex BA1B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA1B3F }
```

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

```
.background{ background-color:#BA1B3F }
```

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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