

# Converting Colors

Hex(BB1F4A)

Have a look what the booklet for  
Hex(BB1F4A) contains.

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# Color

**Hex(BB1F4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB1F4A
RGB	187, 31, 74
RGB Percent	73%, 12%, 29%
CMY	0.2667, 0.8784, 0.7098
CMYK	0.00, 0.83, 0.60, 0.27
HSL	343°, 72%, 43%
HSV	343°, 83%, 73%
XYZ	22.2195, 12.0392, 7.6313
YIQ	82.5460, 79.1730, 46.4450

# Conversions

## Conversions Part 2

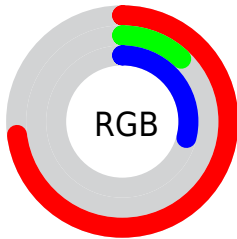
Format	Color
<a href="#">RYB</a>	<a href="#">187, 31, 74</a>
Decimal	<a href="#">12263242</a>
CIELab	<a href="#">41.28, 61.12, 16.30</a>
CIElCh	<a href="#">41, 63.259, 14.928</a>
Yxy	<a href="#">12.0392, 0.5304, 0.2874</a>
Android (android.graphics.Color)	<a href="#">4290453322</a> ( <a href="#">0xFFBB1F4A</a> )
YUV	<a href="#">82.5460, -4.2132, 91.6062</a>
Hunter-Lab	<a href="#">34.6975, 53.5868, 11.2482</a>

# Details

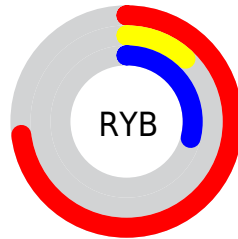
The Hex color **BB1F4A** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **1FBB90**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F95E7A**, and **7E001F** is the 20% darker color. If you saturate the color by 10%, you get **BB0C3C**, and if you desaturate by 10%, it is **BB3258**.

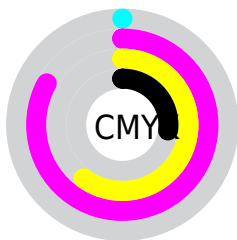
# Distribution



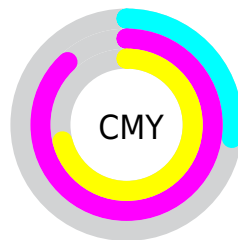
- Red (73%)
- Green (12%)
- Blue (29%)



- Red (73%)
- Yellow (12%)
- Blue (29%)



- Cyan (0%)
- Magenta (83%)
- Yellow (60%)
- Black (27%)



- Cyan (27%)
- Magenta (88%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB1F4A 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 BB1F4A by changing the saturation by 10% instead.



 BB1F4A

 BB1F4A

FFFFFF

 9D0034

 F95E7A

 7E001F

 FF7B94

 610007

 FF97AF

 450003

 FFB4CA

 250001

 FFD1E6

 000000

 FFEEFF

 BB1F4A

 BB1F4A

 BB0C3C

 BB3258

 BB0034

 BB4465

 BB5773

 BB6A80

 BB7D8E

 BB8F9B

 BBA2A9

 BBB5B6

 BBC7C4

# Harmonies

## Analogous

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



AF267E



BB1F4A



AD3B17

# Triad

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



BB1F4A



167105



006FC7

# Complementary

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



BB1F4A



1FBB90

# 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.



0076AA



BB1F4A



007644

# Square

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



BB1F4A



5F6700



00787B



005FC7

# Rectangle

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



BB1F4A



984D00



00787B



0072C0



# Sweetspot

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



BB1F4A



F2B6C6



8F1FBB



7A5660



FAFAFA



7A7A7A



# Same Dimension

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



BB1F4A



F20043



BB411F



5E5558



9E002C



1F0008



# Inverse Universe

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



BB1F4A



F20043



1F99BB



5E5558



9E002C



1F0008



# Previews

## White Background



This preview shows how the Hex color BB1F4A looks on a white background.

## Color Contrast Check

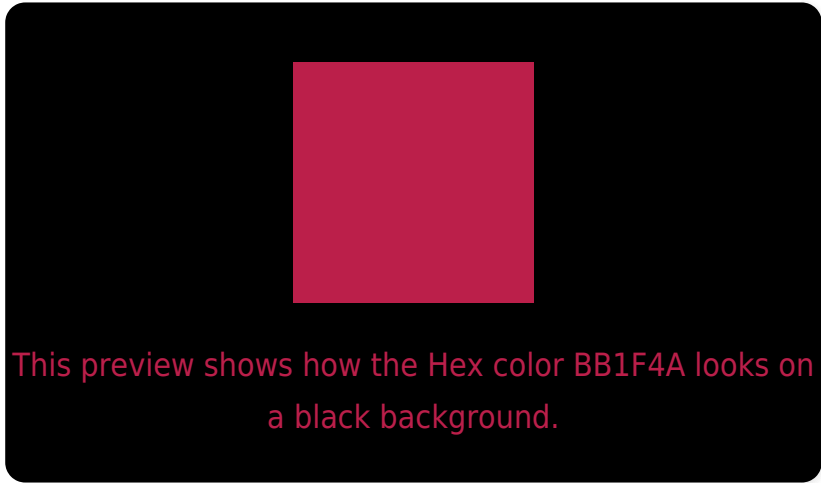
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB1F4A Background



This preview shows how black text looks on a background with the Hex color BB1F4A.

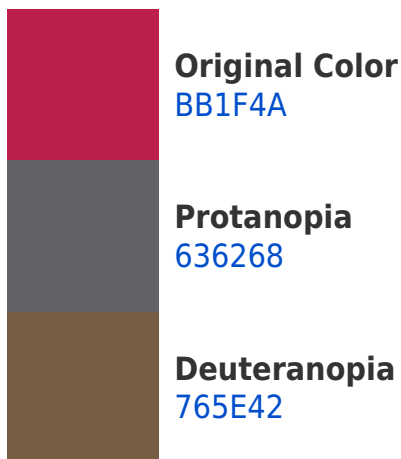


This preview shows how white text looks on a background with the Hex color BB1F4A.

# Color Blindness Simulation

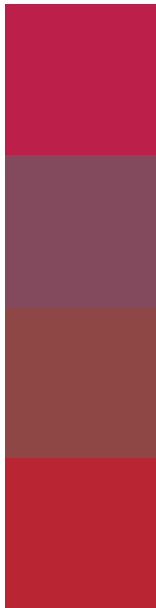
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BB1F4A

**Protanomaly**  
834A5D

**Deuteranomaly**  
8F4745

**Tritanomaly**  
BA2534

# Monochromacy



**Original Color**  
BB1F4A

**Achromatopsia**  
535353

**Achromatomaly**  
794050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB1F4A 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 #BB1F4A looks like.

```
.text, #text, p{  
    color:#BB1F4A  
}
```

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 #BB1F4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB1F4A }  
}
```

## Border

The CSS property to change the border of an element to Hex BB1F4A 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 #BB1F4A }  
}
```

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

```
.border{ border-color:#BB1F4A }
```

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

Here you see how a box with a 4 pixel #BB1F4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB1F4A; -webkit-box-shadow:4px 4px  
4px 4px #BB1F4A; box-shadow:4px 4px 4px  
4px #BB1F4A }
```

# Background

The CSS property to change the background color of an element to Hex BB1F4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB1F4A }
```

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

```
.background{ background-color:#BB1F4A }
```

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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