

# Converting Colors

Hex(BB1F49)

Have a look what the booklet for  
Hex(BB1F49) contains.

<b>Hex(BB1F49)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(BB1F49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB1F49
RGB	187, 31, 73
RGB Percent	73%, 12%, 29%
CMY	0.2667, 0.8784, 0.7137
CMYK	0.00, 0.83, 0.61, 0.27
HSL	344°, 72%, 43%
HSV	344°, 83%, 73%
XYZ	22.1861, 12.0258, 7.4552
YIQ	82.4320, 79.4940, 46.1340

# Conversions

## Conversions Part 2

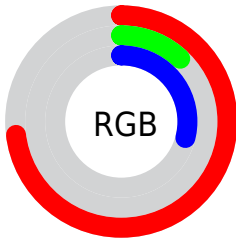
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 31, 73
Decimal	12263241
CIE Lab	41.26, 61.06, 16.90
CIE LCh	41, 63.356, 15.469
Yxy	12.0258, 0.5325, 0.2886
Android (android.graphics.Color)	4290453321 (0xFFBB1F49)
YUV	82.4320, -4.6500, 91.7061
Hunter-Lab	34.6782, 53.5120, 11.5285

# Details

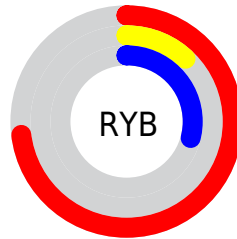
The Hex color **BB1F49** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1FBB91**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F95E79**, and **7E001E** is the 20% darker color. If you saturate the color by 10%, you get **BB0C3B**, and if you desaturate by 10%, it is **BB3257**.

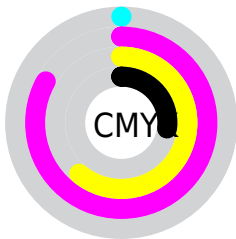
# Distribution



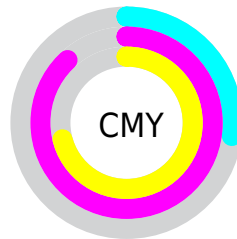
- Red (73%)
- Green (12%)
- Blue (29%)



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



- Cyan (0%)
- Magenta (83%)
- Yellow (61%)
- Black (27%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color BB1F49 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 BB1F49 by changing the saturation by 10% instead.



 BB1F49

 BB1F49

FFFFFF

 9D0033

 F95E79

 7E001E

 FF7A93

 610005

 FF97AD

 450003

 FFB3C9

 250001

 FFD0E5

 000000

 FFEEFF

 BB1F49

 BB1F49

 BB0C3B

 BB3257

 BB0032

 BB4464

 BB5772

 BB6A80

 BB7D8D

 BB8F9B

 BBA2A9

 BBB5B6

 BBC7C4

# Harmonies

## Analogous

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



B0257D



BB1F49



AC3C16

# Triad

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



BB1F49



127106



006FC7

# Complementary

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



BB1F49



1FBB91

# 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.



0076AB



BB1F49



007645

# Square

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



BB1F49



5E6700



00787C



005FC7

# Rectangle

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



BB1F49



984E00



00787C



0072C0



# Sweetspot

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



BB1F49



F2B6C6



8F1FBB



7A5660



FAFAFA



7A7A7A



# Same Dimension

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



BB1F49



F20041



BB411F



5E5557



9E002B



1F0008



# Inverse Universe

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



BB1F49



F20041



1F99BB



5E5557



9E002B



1F0008



# Previews

## White Background



This preview shows how the Hex color BB1F49 looks on a white background.

## Color Contrast Check

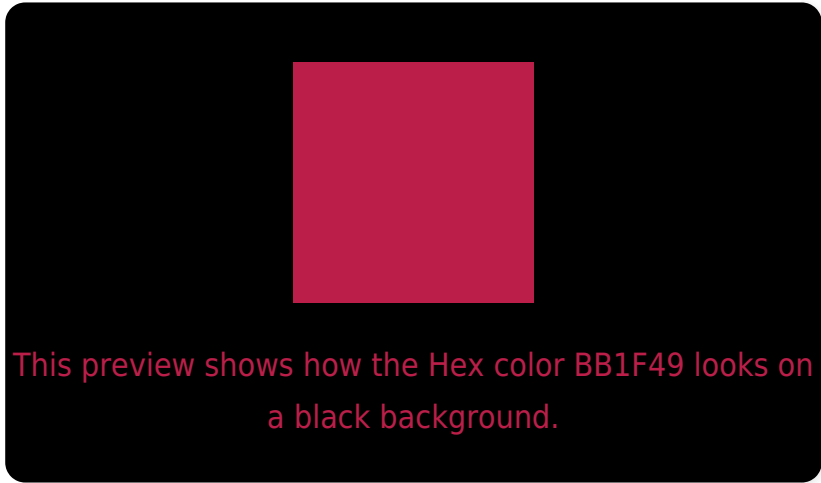
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB1F49 Background



This preview shows how black text looks on a background with the Hex color BB1F49.

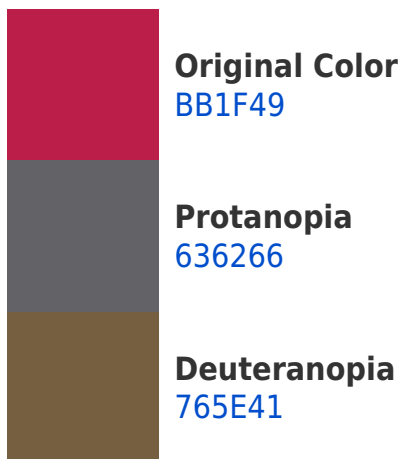


This preview shows how white text looks on a background with the Hex color BB1F49.

# Color Blindness Simulation

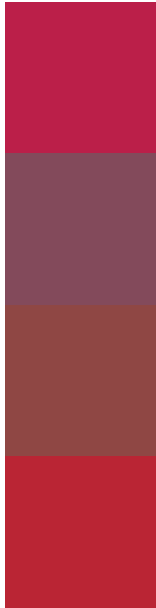
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



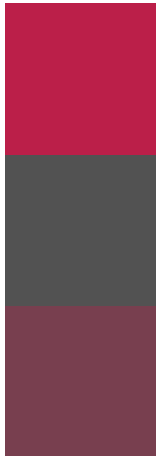
**Original Color**  
BB1F49

**Protanomaly**  
834A5B

**Deuteranomaly**  
8F4744

**Tritanomaly**  
BA2534

# Monochromacy



**Original Color**  
BB1F49

**Achromatopsia**  
525252

**Achromatomaly**  
783F4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB1F49 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 #BB1F49 looks like.

```
.text, #text, p{  
    color:#BB1F49  
}
```

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 #BB1F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB1F49
}
```

## Border

The CSS property to change the border of an element to Hex BB1F49 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
#BB1F49 }
```

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

```
.border{ border-color:#BB1F49 }
```

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

Here you see how a box with a 4 pixel #BB1F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB1F49; -webkit-box-shadow:4px 4px  
4px 4px #BB1F49; box-shadow:4px 4px 4px  
4px #BB1F49 }
```

# Background

The CSS property to change the background color of an element to Hex BB1F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB1F49 }
```

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

```
.background{ background-color:#BB1F49 }
```

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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