

# Converting Colors

Hex(BB2F72)

Have a look what the booklet for  
Hex(BB2F72) contains.

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**Color**

**Hex(BB2F72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB2F72
RGB	187, 47, 114
RGB Percent	73%, 18%, 45%
CMY	0.2667, 0.8157, 0.5529
CMYK	0.00, 0.75, 0.39, 0.27
HSL	331°, 60%, 46%
HSV	331°, 75%, 73%
XYZ	24.5473, 13.8127, 17.2919
YIQ	96.4980, 61.9330, 50.5170

# Conversions

## Conversions Part 2

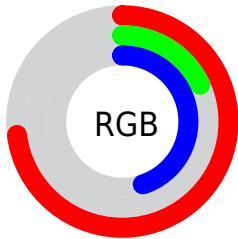
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 47, 114
Decimal	12267378
CIE Lab	43.96, 59.95, -4.92
CIE LCh	44, 60.154, 355.306
Yxy	13.8127, 0.4411, 0.2482
Android (android.graphics.Color)	4290457458 (0xFFBB2F72)
YUV	96.4980, 8.6285, 79.3703
Hunter-Lab	37.1655, 52.8572, -1.5699

# Details

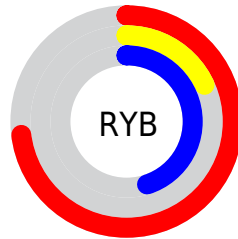
The Hex color **BB2F72** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2FBB78**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F76AA6**, and **810042** is the 20% darker color. If you saturate the color by 10%, you get **BB1C68**, and if you desaturate by 10%, it is **BB427C**.

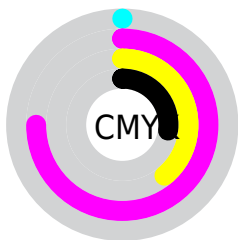
# Distribution



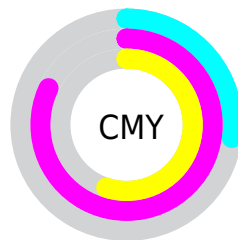
- Red (73%)
- Green (18%)
- Blue (45%)



- Red (73%)
- Yellow (18%)
- Blue (45%)



- Cyan (0%)
- Magenta (75%)
- Yellow (39%)
- Black (27%)



- Cyan (27%)
- Magenta (82%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB2F72 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 BB2F72 by changing the saturation by 10% instead.



 BB2F72

 BB2F72

FFFFFF

 9E015A

 F76AA6

 810042

 FF86C1

 64002C

 FFA2DD

 490018

 FFBFF9

 2E0002

 FFDCFF

 000000

 FFF9FF

 BB2F72

 BB2F72

 BB1C68

 BB427C

 BB0A5E

 BB5486

 BB0059

 BB678F

 BB7A99

 BB8DA3

 BB9FAD

 BBB2B6

 BBC5C0

 BBD7CA

# Harmonies

## Analogous

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



9C45A2



BB2F72



BD3541

# Triad

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



BB2F72



557200



007ABA

# Complementary

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



BB2F72



2FBB78

# 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.



007E91



BB2F72



007A2A

# Square

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



BB2F72



846300



007E5E



0071CC

# Rectangle

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



BB2F72



B24521



007E5E



007CAE



# Sweetspot

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



BB2F72



F2BDD6



772FBB



7A5B6A



FAFAFA



7A7A7A



# Same Dimension

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



BB2F72



F21881



BB312F



5E5559



9E004C



1F000F



# Inverse Universe

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



BB2F72



F21881



2FB9BB



5E5559



9E004C



1F000F



# Previews

## White Background



This preview shows how the Hex color BB2F72 looks on a white background.

## Color Contrast Check

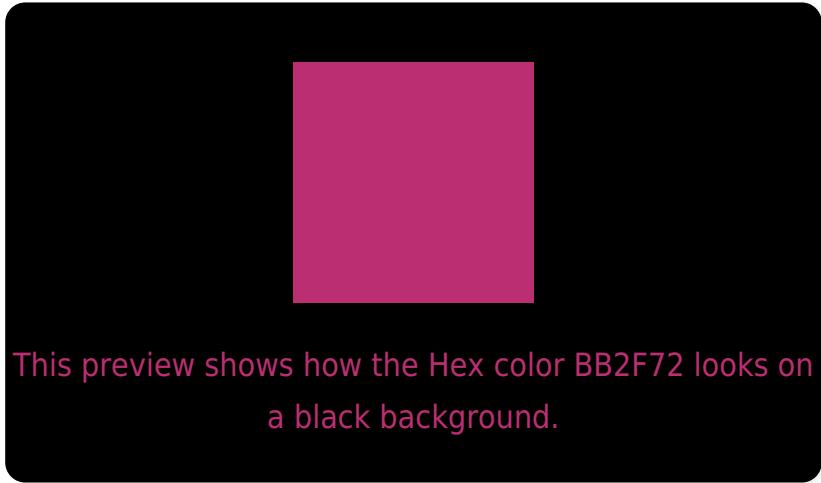
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB2F72 Background



This preview shows how black text looks on a background with the Hex color BB2F72.



This preview shows how white text looks on a background with the Hex color BB2F72.

# 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**  
BB2F72

**Protanopia**  
5A6796

**Deuteranopia**  
72666B



**Tritanopia**  
B83D40

# Trichromacy



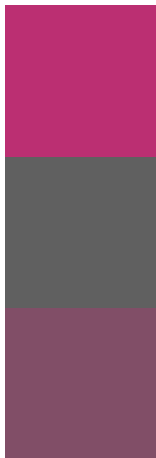
**Original Color**  
BB2F72

**Protanomaly**  
7D5389

**Deuteranomaly**  
8D526E

**Tritanomaly**  
B93852

# Monochromacy



**Original Color**  
BB2F72

**Achromatopsia**  
606060

**Achromatomaly**  
814E67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB2F72 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 #BB2F72 looks like.

```
.text, #text, p{  
    color:#BB2F72  
}
```

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 #BB2F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB2F72
}
```

## Border

The CSS property to change the border of an element to Hex BB2F72 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
#BB2F72 }
```

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

```
.border{ border-color:#BB2F72 }
```

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

Here you see how a box with a 4 pixel #BB2F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB2F72; -webkit-box-shadow:4px 4px  
4px 4px #BB2F72; box-shadow:4px 4px 4px  
4px #BB2F72 }
```

# Background

The CSS property to change the background color of an element to Hex BB2F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB2F72 }
```

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

```
.background{ background-color:#BB2F72 }
```

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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