

# Converting Colors

Hex(B71066)

Have a look what the booklet for  
Hex(B71066) contains.

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**Color**

**Hex(B71066)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B71066
RGB	183, 16, 102
RGB Percent	72%, 6%, 40%
CMY	0.2824, 0.9373, 0.6000
CMYK	0.00, 0.91, 0.44, 0.28
HSL	329°, 84%, 39%
HSV	329°, 91%, 72%
XYZ	22.1120, 11.3972, 13.6048
YIQ	75.7370, 71.9260, 62.1500

# Conversions

## Conversions Part 2

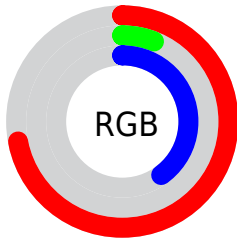
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 16, 102
Decimal	11997286
CIE Lab	40.24, 65.09, -3.02
CIE LCh	40, 65.165, 357.345
Yxy	11.3972, 0.4693, 0.2419
Android (android.graphics.Color)	4290187366 (0xFFB71066)
YUV	75.7370, 12.9477, 94.0697
Hunter-Lab	33.7597, 57.8349, -0.2615

# Details

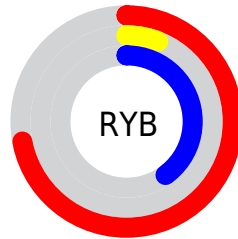
The Hex color **B71066** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **10B761**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F45899**, and **7C0037** is the 20% darker color. If you saturate the color by 10%, you get **B7005E**, and if you desaturate by 10%, it is **B7226F**.

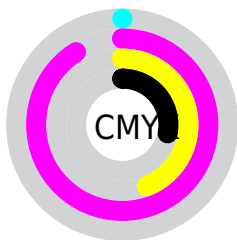
# Distribution



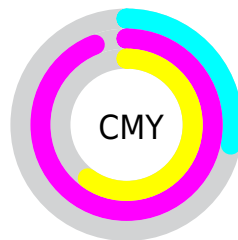
- Red (72%)
- Green (6%)
- Blue (40%)



- Red (72%)
- Yellow (6%)
- Blue (40%)



- Cyan (0%)
- Magenta (91%)
- Yellow (44%)
- Black (28%)



- Cyan (28%)
- Magenta (94%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B71066 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 B71066 by changing the saturation by 10% instead.



 B71066

 B71066

FFFFFF

 99004E

 F45899

 7C0037

 FF75B4

 5F0022

 FF91CF

 45000C

 FFAEEB

 250001

 FFCBFF

 000000

 FFE9FF

 B71066

 B71066

 B7005E

 B7226F

 B73578

 B74781

 B7598A

 B76B92

 B77E9B

 B790A4

 B7A2AD

 B7B5B6

# Harmonies

## Analogous

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



983399



B71066



B72232

# Triad

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



B71066



446A00



0072B9

# Complementary

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



B71066



10B761

# 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.



00758F



B71066



00711F

# Square

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



B71066



785B00



007558



0067CB

# Rectangle

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



B71066



A9390C



007558



0074AD



# Sweetspot

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



B71066



EDADCE



6110B7



785165



F7F7F7



787878



# Same Dimension

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



B71066



ED007A



B71013



5C5357



9C0050



1C000E



# Inverse Universe

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



B71066



ED007A



10B7B4



5C5357



9C0050



1C000E



# Previews

## White Background



This preview shows how the Hex color B71066 looks on a white background.

## Color Contrast Check

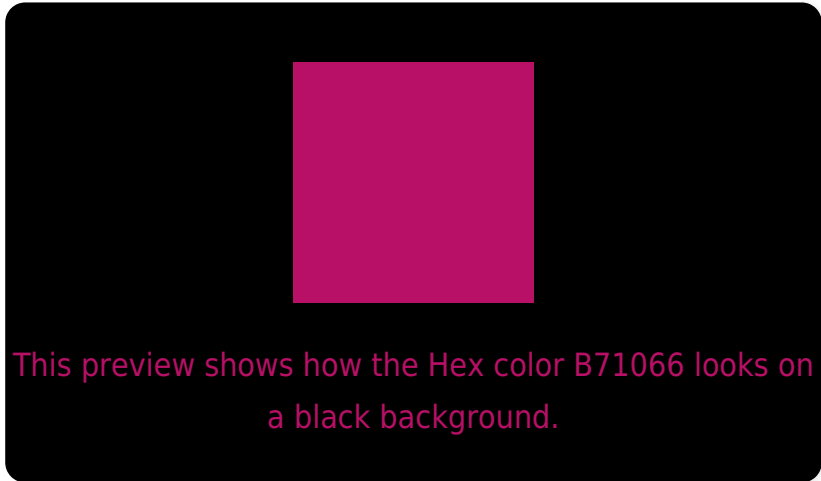
Large Text (above 18pt) WCAG AA ✓ Pass

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 B71066 Background



This preview shows how black text looks on a background with the Hex color B71066.



This preview shows how white text looks on a background with the Hex color B71066.

# 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**  
B71066

**Protanomaly**  
754281

**Deuteranomaly**  
874161

**Tritanomaly**  
B52140

# Monochromacy



**Original Color**  
B71066

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
733655

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B71066 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 #B71066 looks like.

```
.text, #text, p{  
    color:#B71066  
}
```

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 #B71066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B71066
}
```

## Border

The CSS property to change the border of an element to Hex B71066 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
#B71066 }
```

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

```
.border{ border-color:#B71066 }
```

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

Here you see how a box with a 4 pixel #B71066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B71066; -webkit-box-shadow:4px 4px  
4px 4px #B71066; box-shadow:4px 4px 4px  
4px #B71066 }
```

# Background

The CSS property to change the background color of an element to Hex B71066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B71066 }
```

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

```
.background{ background-color:#B71066 }
```

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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