

Converting Colors

Hex(BB366D)

Have a look what the booklet for
Hex(BB366D) contains.

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Color

Hex(BB366D)

Conversions

Conversions Part 1

Format	Color
Hex	BB366D
RGB	187, 54, 109
RGB Percent	73%, 21%, 43%
CMY	0.2667, 0.7882, 0.5725
CMYK	0.00, 0.71, 0.42, 0.27
HSL	335°, 55%, 47%
HSV	335°, 71%, 73%
XYZ	24.5730, 14.3073, 15.9344
YIQ	100.0370, 61.6130, 45.3010

Conversions

Conversions Part 2

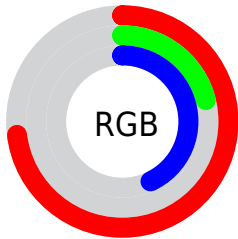
Format	Color
R _Y B	187, 54, 109
Decimal	12269165
CIE Lab	44.67, 57.01, -0.79
CIE LCh	45, 57.020, 359.205
Yxy	14.3073, 0.4483, 0.2610
Android (android.graphics.Color)	4290459245 (0xFFBB366D)
YUV	100.0370, 4.4188, 76.2666
Hunter-Lab	37.8249, 49.7690, 1.5005

Details

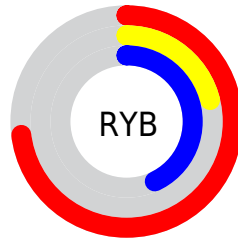
The Hex color **BB366D** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **36BB84**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F76FA0**, and **81003E** is the 20% darker color. If you saturate the color by 10%, you get **BB2362**, and if you desaturate by 10%, it is **BB4978**.

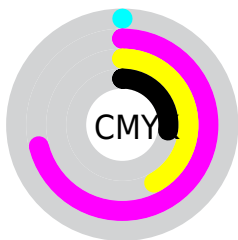
Distribution



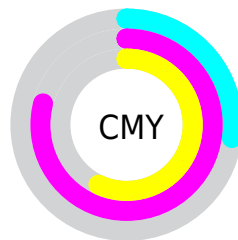
- Red (73%)
- Green (21%)
- Blue (43%)



- Red (73%)
- Yellow (21%)
- Blue (43%)



- Cyan (0%)
- Magenta (71%)
- Yellow (42%)
- Black (27%)



- Cyan (27%)
- Magenta (79%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB366D 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 BB366D by changing the saturation by 10% instead.

 BB366D

 BB366D

FFFFFF

 9E1355

 F76FA0

 81003E

 FF8ABB

 640028

 FFA7D7

 490014

 FFC3F3

 2E0002

 FFE0FF

 000000

FFFEFF

 BB366D

 BB366D

 BB2362

 BB4978

 BB1157

 BB5B83

 BB004D

 BB6E8E

 BB8199

 BB93A4

 BBA6AF

 BBB9BA

 BBCCC5

 BBDED0

Harmonies

Analogous

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



A1469B



BB366D



BA3E3E

Triad

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



BB366D



527400



007BBB

Complementary

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



BB366D



36BB84

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.



007F97



BB366D



007C36

Square

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



BB366D



806700



007F67



0070C9

Rectangle

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



BB366D



AE4C21



007F67



007DB1

Sweetspot

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



BB366D



F2BFD4



8436BB



7A5C68



FAFAFA



7A7A7A

Same Dimension

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



BB366D



F22479



BB4136



5E5559



9E0041



1F000D

Inverse Universe

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



BB366D



F22479



36B0BB



5E5559



9E0041



1F000D

Previews

White Background



This preview shows how the Hex color BB366D looks on a white background.

Color Contrast Check

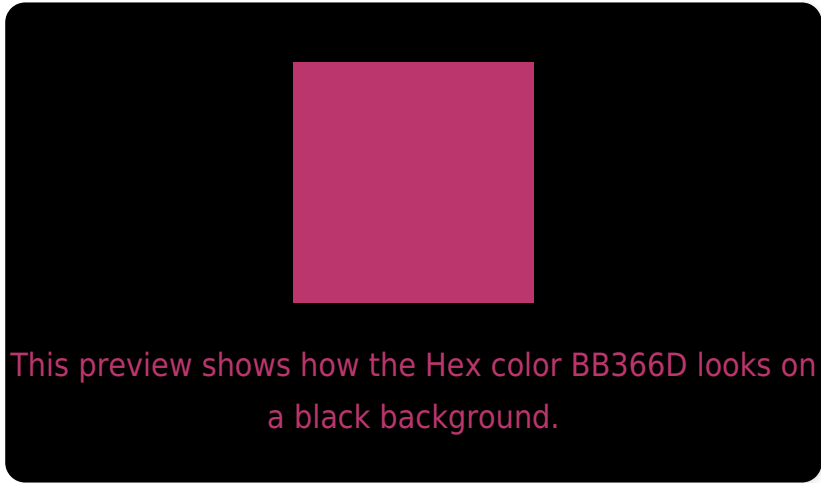
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB366D Background



This preview shows how black text looks on a background with the Hex color BB366D.



This preview shows how white text looks on a background with the Hex color BB366D.

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





Tritanopia
B84044

Trichromacy



Original Color
BB366D

Protanomaly
825681

Deuteranomaly
8F5569

Tritanomaly
B93C53

Monochromacy



Original Color
BB366D

Achromatopsia
646464

Achromatomaly
845367

CSS Examples

Text

The CSS property to change the color of the text to Hex BB366D 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 #BB366D looks like.

```
.text, #text, p{  
    color:#BB366D  
}
```

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 #BB366D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB366D
}
```

Border

The CSS property to change the border of an element to Hex BB366D 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
#BB366D }
```

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

```
.border{ border-color:#BB366D }
```

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

Here you see how a box with a 4 pixel #BB366D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB366D; -webkit-box-shadow:4px 4px  
4px 4px #BB366D; box-shadow:4px 4px 4px  
4px #BB366D }
```

Background

The CSS property to change the background color of an element to Hex BB366D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB366D }
```

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

```
.background{ background-color:#BB366D }
```

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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