

Converting Colors

Hex(BB1166)

Have a look what the booklet for
Hex(BB1166) contains.

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Color

Hex(BB1166)

Conversions

Conversions Part 1

Format	Color
Hex	BB1166
RGB	187, 17, 102
RGB Percent	73%, 7%, 40%
CMY	0.2667, 0.9333, 0.6000
CMYK	0.00, 0.91, 0.45, 0.27
HSL	330°, 83%, 40%
HSV	330°, 91%, 73%
XYZ	23.0922, 11.9250, 13.6550
YIQ	77.5200, 74.0350, 62.4750

Conversions

Conversions Part 2

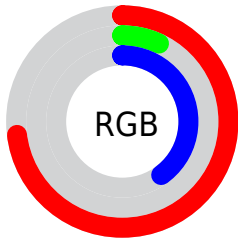
Format	Color
R_{YB}	187, 17, 102
Decimal	12259686
CIE Lab	41.10, 65.89, -1.67
CIE LCh	41, 65.908, 358.551
Yxy	11.9250, 0.4744, 0.2450
Android (android.graphics.Color)	4290449766 (0xFFBB1166)
YUV	77.5200, 12.0686, 96.0140
Hunter-Lab	34.5326, 58.9324, 0.7281

Details

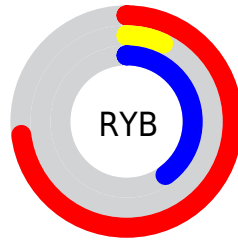
The Hex color **BB1166** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **11BB66**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **F85999**, and **800037** is the 20% darker color. If you saturate the color by 10%, you get **BB005E**, and if you desaturate by 10%, it is **BB246F**.

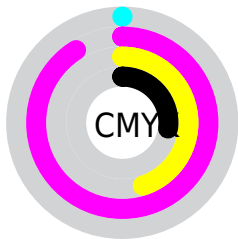
Distribution



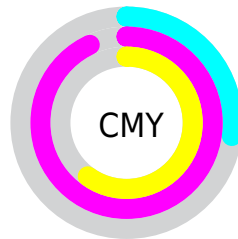
- Red (73%)
- Green (7%)
- Blue (40%)



- Red (73%)
- Yellow (7%)
- Blue (40%)



- Cyan (0%)
- Magenta (91%)
- Yellow (45%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB1166 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 BB1166 by changing the saturation by 10% instead.

 BB1166

 BB1166

FFFFFF

 9D004E

 F85999

 800037

 FF76B4

 620022

 FF93CF

 47000C

 FFAFEB

 290001

 FFCDFE

 000000

 FFEAFF

 BB1166

 BB1166

 BB005E

 BB246F

 BB3679

 BB4982

 BB5C8B

 BB6F95

 BB819E

 BB94A7

 BBA7B1

 BBB9BA

Harmonies

Analogous

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



9D339A



BB1166



BA2531

Triad

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



BB1166



436C00



0074BE

Complementary

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



BB1166



11BB66

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.



007894



BB1166



007422

Square

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



BB1166



795E00



00775D



0069CE

Rectangle

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



BB1166



AB3C0A



00775D



0076B2

Sweetspot

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



BB1166



F2B1D2



6611BB



7A5367



FAFAFA



7A7A7A

Same Dimension

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



BB1166



F20079



BB1111



5E555A



9E004F



1F000F

Inverse Universe

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



BB1166



F20079



11BBBB



5E555A



9E004F



1F000F

Previews

White Background



This preview shows how the Hex color BB1166 looks on a white background.

Color Contrast Check

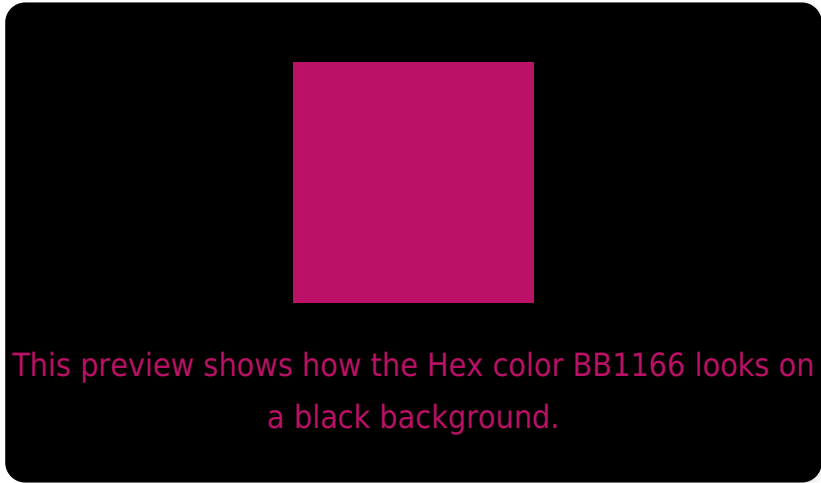
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB1166 Background



This preview shows how black text looks on a background with the Hex color BB1166.



This preview shows how white text looks on a background with the Hex color BB1166.

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
BB1166

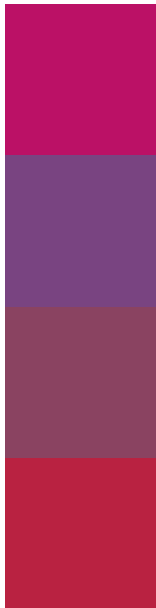
Protanopia
536191

Deuteranopia
6E5F5E



Tritanopia
B82B2C

Trichromacy



Original Color
BB1166

Protanomaly
794481

Deuteranomaly
8A4361

Tritanomaly
B92241

Monochromacy



Original Color
BB1166

Achromatopsia
4E4E4E

Achromatomaly
763857

CSS Examples

Text

The CSS property to change the color of the text to Hex BB1166 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 #BB1166 looks like.

```
.text, #text, p{  
    color:#BB1166  
}
```

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 #BB1166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB1166
}
```

Border

The CSS property to change the border of an element to Hex BB1166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

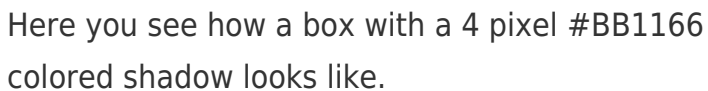
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB1166 }
```

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

```
.border{ border-color:#BB1166 }
```

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



Here you see how a box with a 4 pixel #BB1166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB1166; -webkit-box-shadow:4px 4px  
4px 4px #BB1166; box-shadow:4px 4px 4px  
4px #BB1166 }
```

Background

The CSS property to change the background color of an element to Hex BB1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB1166 }
```

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

```
.background{ background-color:#BB1166 }
```

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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