

Converting Colors

Hex(BB1229)

Have a look what the booklet for
Hex(BB1229) contains.

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Color

Hex(BB1229)

Conversions

Conversions Part 1

Format	Color
Hex	BB1229
RGB	187, 18, 41
RGB Percent	73%, 7%, 16%
CMY	0.2667, 0.9294, 0.8392
CMYK	0.00, 0.90, 0.78, 0.27
HSL	352°, 82%, 40%
HSV	352°, 90%, 73%
XYZ	21.1101, 11.1575, 3.1388
YIQ	71.1530, 93.3410, 42.9810

Conversions

Conversions Part 2

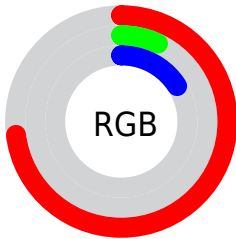
Format	Color
RYB	187, 18, 41
Decimal	12259881
CIELab	39.84, 62.09, 34.96
CIElCh	40, 71.255, 29.382
Yxy	11.1575, 0.5962, 0.3151
Android (android.graphics.Color)	4290449961 (0xFFBB1229)
YUV	71.1530, -14.8654, 101.5978
Hunter-Lab	33.4028, 54.3541, 17.8106

Details

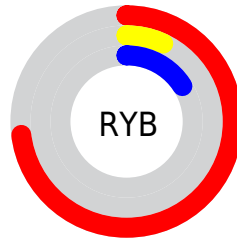
The Hex color **BB1229** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **12BBA4**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FB5757**, and **7D0000** is the 20% darker color. If you saturate the color by 10%, you get **BB0019**, and if you desaturate by 10%, it is **BB2539**.

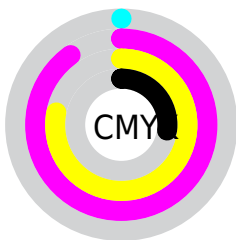
Distribution



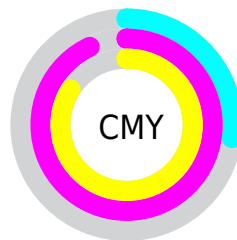
- Red (73%)
- Green (7%)
- Blue (16%)



- Red (73%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (90%)
- Yellow (78%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB1229 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 BB1229 by changing the saturation by 10% instead.

 BB1229

 BB1229

FFFFFF

 9C0014

 FB5757

 7D0000

 FF746F

 5E0000

 FF9089

 420003

 FFADA3

 200001

 FFCABE

 000000

 FFE7DA

 FFFFF6

 BB1229

 BB1229

 BB0019

 BB2539

 BB3749

 BB4A59

 BB5D6A

 BB6F7A

 BB828A

 BB959A

 BBA8AA

 BBBABA

Harmonies

Analogous

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



BE0062



BB1229



A04100

Triad

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



BB1229



00721B



0066D4

Complementary

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



BB1229



12BBA4

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.



0072C3



BB1229



00755B

Square

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



BB1229



396A00



007696



4D4FC5

Rectangle

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



BB1229



845400



007696



006BD2

Sweetspot

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



BB1229



F2B1BA



A212BB



7A5359



FAFAFA



7A7A7A

Same Dimension

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



BB1229



F20021



BB4D12



5E5556



9E0016



1F0004

Inverse Universe

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



BB1229



F20021



1280BB



5E5556



9E0016



1F0004

Previews

White Background



This preview shows how the Hex color BB1229 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 BB1229 Background



This preview shows how black text looks on a background with the Hex color BB1229.

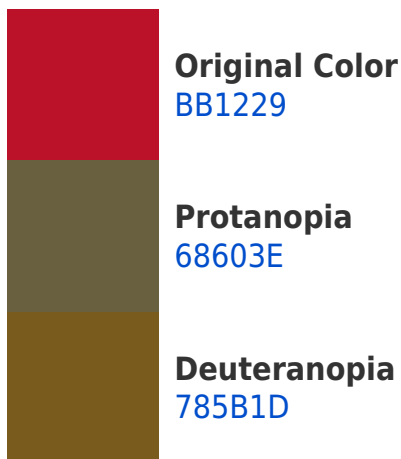


This preview shows how white text looks on a background with the Hex color BB1229.

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
BB1229

Protanomaly
864436

Deuteranomaly
904021

Tritanomaly
BB151B

Monochromacy



Original Color
BB1229

Achromatopsia
474747

Achromatomaly
71343C

CSS Examples

Text

The CSS property to change the color of the text to Hex BB1229 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 #BB1229 looks like.

```
.text, #text, p{  
    color:#BB1229  
}
```

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 #BB1229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB1229
}
```

Border

The CSS property to change the border of an element to Hex BB1229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

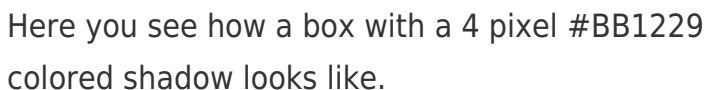
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB1229 }
```

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

```
.border{ border-color:#BB1229 }
```

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



Here you see how a box with a 4 pixel #BB1229 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB1229; -webkit-box-shadow:4px 4px  
4px 4px #BB1229; box-shadow:4px 4px 4px  
4px #BB1229 }
```

Background

The CSS property to change the background color of an element to Hex BB1229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB1229 }
```

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

```
.background{ background-color:#BB1229 }
```

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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