

Converting Colors

Hex(BB2136)

Have a look what the booklet for
Hex(BB2136) contains.

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Color

Hex(BB2136)

Conversions

Conversions Part 1

Format	Color
Hex	BB2136
RGB	187, 33, 54
RGB Percent	73%, 13%, 21%
CMY	0.2667, 0.8706, 0.7882
CMYK	0.00, 0.82, 0.71, 0.27
HSL	352°, 70%, 43%
HSV	352°, 82%, 73%
XYZ	21.7032, 11.9189, 4.6467
YIQ	81.4400, 85.0430, 39.1790

Conversions

Conversions Part 2

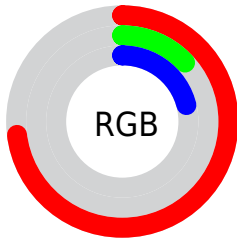
Format	Color
RYB	187, 33, 54
Decimal	12263734
CIELab	41.09, 59.54, 28.53
CIELCh	41, 66.028, 25.604
Yxy	11.9189, 0.5671, 0.3115
Android (android.graphics.Color)	4290453814 (0xFFBB2136)
YUV	81.4400, -13.5279, 92.5761
Hunter-Lab	34.5237, 51.7971, 16.1865

Details

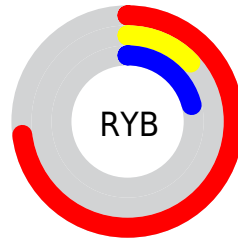
The Hex color **BB2136** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **21BBA6**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FA5F65**, and **7E000C** is the 20% darker color. If you saturate the color by 10%, you get **BB0E26**, and if you desaturate by 10%, it is **BB3446**.

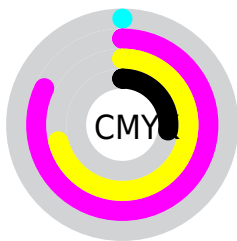
Distribution



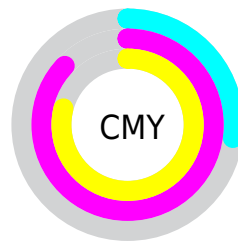
- Red (73%)
- Green (13%)
- Blue (21%)



- Red (73%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (82%)
- Yellow (71%)
- Black (27%)



- Cyan (27%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB2136 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 BB2136 by changing the saturation by 10% instead.

 BB2136

 BB2136

FFFFFF

 9C0021

 FA5F65

 7E000C

 FF7B7E

 5F0000

 FF9798

 430002

 FFB4B2

 230001

 FFD1CE

 000000

 FFEEDA

 BB2136

 BB2136

 BB0E26

 BB3446

 BB001A

 BB4656

 BB5966

 BB6C77

 BB7F87

 BB9197

 BBA4A7

 BBB7B7

 BBC9C7

Harmonies

Analogous

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



BA136B



BB2136



A44300

Triad

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



BB2136



00741C



006ACE

Complementary

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



BB2136



21BBA6

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.



0075BA



BB2136



007757

Square

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



BB2136



496B00



00788F



4556C4

Rectangle

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



BB2136



8B5500



00788F



006FCB

Sweetspot

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



BB2136



F2B6BE



A421BB



7A565B



FAFAFA



7A7A7A

Same Dimension

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



BB2136



F20223



BB5721



5E5556



9E0016



1F0004

Inverse Universe

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



BB2136



F20223



2185BB



5E5556



9E0016



1F0004

Previews

White Background



This preview shows how the Hex color BB2136 looks on a white background.

Color Contrast Check

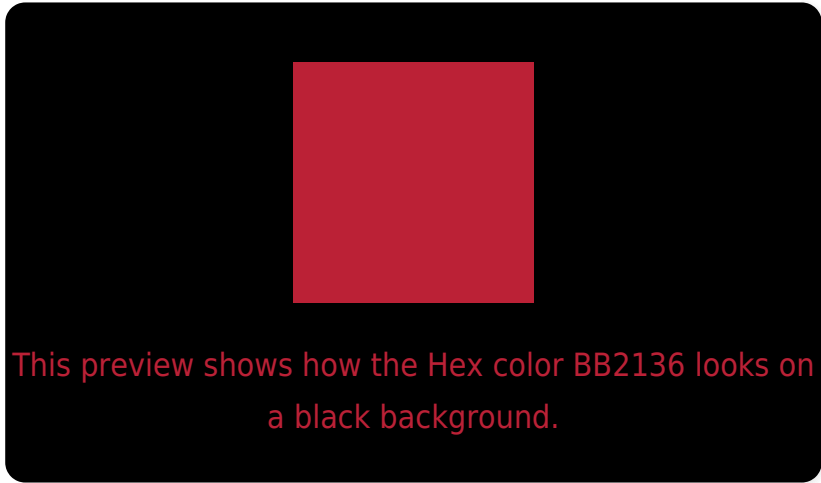
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB2136 Background



This preview shows how black text looks on a background with the Hex color BB2136.



This preview shows how white text looks on a background with the Hex color BB2136.

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
BB2136

Protanopia
69624D

Deuteranopia
795D2D

Trichromacy



Original Color
BB2136

Protanomaly
874A45

Deuteranomaly
914730

Tritanomaly
BA242B

Monochromacy



Original Color
BB2136

Achromatopsia
515151

Achromatomaly
784047

CSS Examples

Text

The CSS property to change the color of the text to Hex BB2136 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 #BB2136 looks like.

```
.text, #text, p{  
    color:#BB2136  
}
```

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 #BB2136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB2136
}
```

Border

The CSS property to change the border of an element to Hex BB2136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

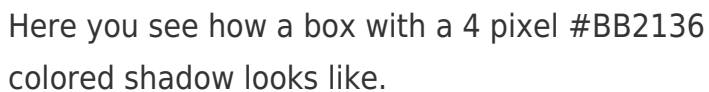
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB2136 }
```

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

```
.border{ border-color:#BB2136 }
```

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



Here you see how a box with a 4 pixel #BB2136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB2136; -webkit-box-shadow:4px 4px  
4px 4px #BB2136; box-shadow:4px 4px 4px  
4px #BB2136 }
```

Background

The CSS property to change the background color of an element to Hex BB2136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB2136 }
```

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

```
.background{ background-color:#BB2136 }
```

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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