

Converting Colors

Hex(B5335B)

Have a look what the booklet for
Hex(B5335B) contains.

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Color

Hex(B5335B)

Conversions

Conversions Part 1

Format	Color
Hex	B5335B
RGB	181, 51, 91
RGB Percent	71%, 20%, 36%
CMY	0.2902, 0.8000, 0.6431
CMYK	0.00, 0.72, 0.50, 0.29
HSL	342°, 56%, 45%
HSV	342°, 72%, 71%
XYZ	22.1282, 12.9467, 11.2302
YIQ	94.4300, 64.6400, 40.0000

Conversions

Conversions Part 2

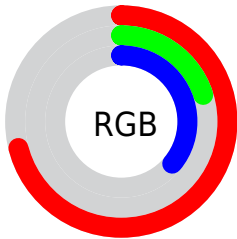
Format	Color
RYB	181, 51, 91
Decimal	11875163
CIELab	42.68, 54.65, 7.38
CIElCh	43, 55.143, 7.695
Yxy	12.9467, 0.4779, 0.2796
Android (android.graphics.Color)	4290065243 (0xFFB5335B)
YUV	94.4300, -1.6910, 75.9219
Hunter-Lab	35.9816, 46.8074, 6.6821

Details

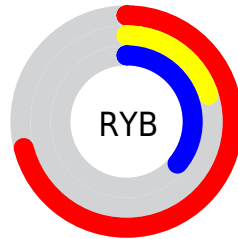
The Hex color **B5335B** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **33B58D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F16B8D**, and **7A002E** is the 20% darker color. If you saturate the color by 10%, you get **B5214E**, and if you desaturate by 10%, it is **B54568**.

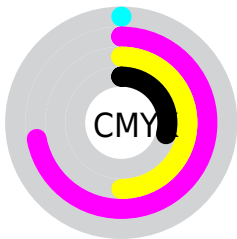
Distribution



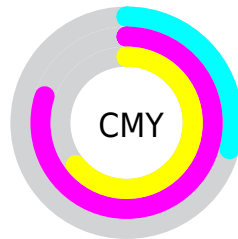
- Red (71%)
- Green (20%)
- Blue (36%)



- Red (71%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (72%)
- Yellow (50%)
- Black (29%)



- Cyan (29%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5335B 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 B5335B by changing the saturation by 10% instead.

 B5335B

 B5335B

FFFFFF

 980F44

 F16B8D

 7A002E

 FF87A7

 5E001A

 FFA3C2

 430001

 FFBFDE

 250001

 FFDCFB

 000000

 FFF9FF

 B5335B

 B5335B

 B5214E

 B54568

 B50F42

 B55774

 B50038

 B56981

 B57B8D

 B58E9A

 B5A0A6

 B5B2B3

 B5C4BF

 B5D6CC

Harmonies

Analogous

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



A43D88



B5335B



AE412F

Triad

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



B5335B



3E7111



0073B9

Complementary

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



B5335B



33B58D

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.



00789C



B5335B



007740

Square

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



B5335B



6F6700



007970



0067C0

Rectangle

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



B5335B



9F4F13



007970



0075B2

Sweetspot

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



B5335B



EBB7C7



8C33B5



755760



F5F5F5



757575

Same Dimension

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



B5335B



EB215F



B54B33



595053



99002F



1A0008

Inverse Universe

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



B5335B



EB215F



339DB5



595053



99002F



1A0008

Previews

White Background



This preview shows how the Hex color B5335B looks on a white background.

Color Contrast Check

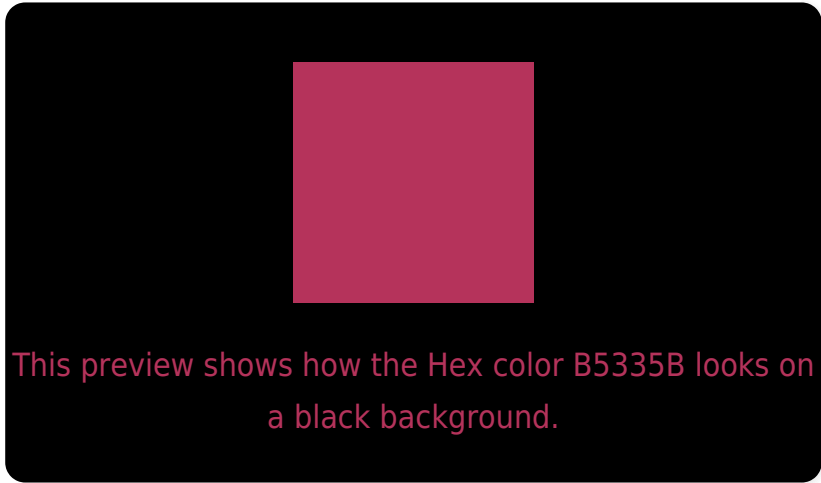
Large Text (above 18pt) WCAG AA ✓ Pass

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

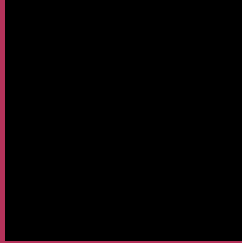
Any Text WCAG AA × Fail

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 B5335B Background



This preview shows how black text looks on a background with the Hex color B5335B.

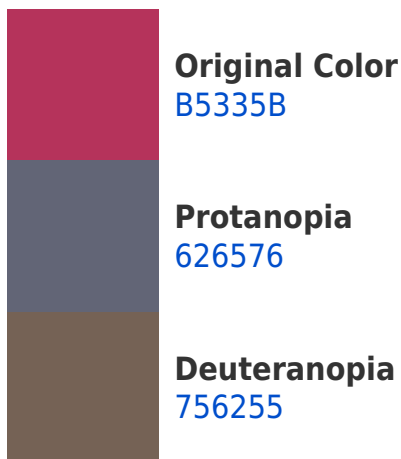



This preview shows how white text looks on a background with the Hex color B5335B.

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](#).

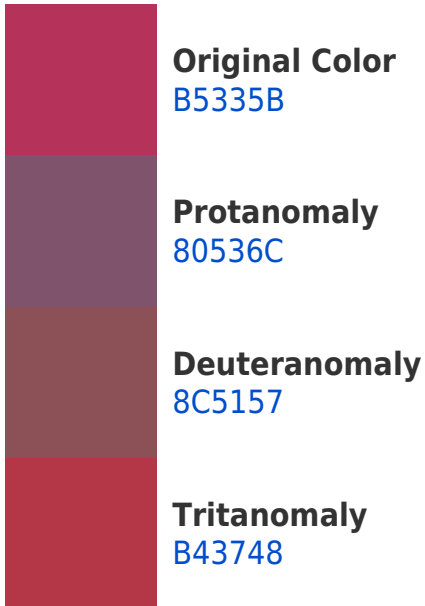
Dichromacy





Tritanopia
B33A3D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5335B 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 #B5335B looks like.

```
.text, #text, p{  
    color:#B5335B  
}
```

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 #B5335B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5335B
}
```

Border

The CSS property to change the border of an element to Hex B5335B is called "border". The border property can be set on classes, ids or directly on the HTML element.

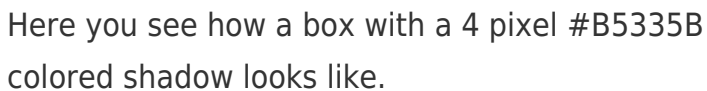
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5335B }
```

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

```
.border{ border-color:#B5335B }
```

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



Here you see how a box with a 4 pixel `#B5335B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5335B; -webkit-box-shadow:4px 4px  
4px 4px #B5335B; box-shadow:4px 4px 4px  
4px #B5335B }
```

Background

The CSS property to change the background color of an element to Hex B5335B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5335B }
```

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

```
.background{ background-color:#B5335B }
```

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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