

Converting Colors

Hex(B5313E)

Have a look what the booklet for
Hex(B5313E) contains.

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Color

Hex(B5313E)

Conversions

Conversions Part 1

Format	Color
Hex	B5313E
RGB	181, 49, 62
RGB Percent	71%, 19%, 24%
CMY	0.2902, 0.8078, 0.7569
CMYK	0.00, 0.73, 0.66, 0.29
HSL	354°, 57%, 45%
HSV	354°, 73%, 71%
XYZ	21.0239, 12.3682, 5.8366
YIQ	89.9500, 74.4990, 32.0270

Conversions

Conversions Part 2

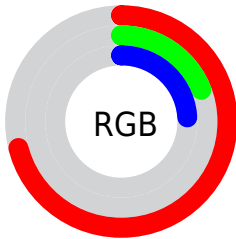
Format	Color
R_{YB}	181, 49, 62
Decimal	11874622
CIE _{Lab}	41.80, 53.27, 24.24
CIE _{LCh}	42, 58.522, 24.466
Yxy	12.3682, 0.5359, 0.3153
Android (android.graphics.Color)	4290064702 (0xFFB5313E)
YUV	89.9500, -13.7794, 79.8508
Hunter-Lab	35.1684, 45.1635, 14.7780

Details

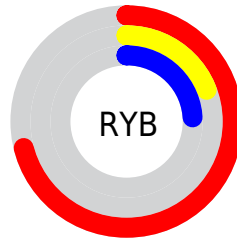
The Hex color **B5313E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **31B5A8**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F3696D**, and **790014** is the 20% darker color. If you saturate the color by 10%, you get **B51F2E**, and if you desaturate by 10%, it is **B5434E**.

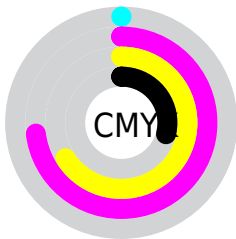
Distribution



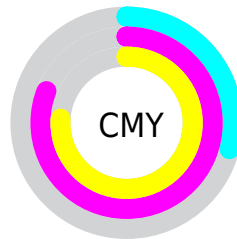
- Red (71%)
- Green (19%)
- Blue (24%)



- Red (71%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (73%)
- Yellow (66%)
- Black (29%)



- Cyan (29%)
- Magenta (81%)
- Yellow (76%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5313E 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 B5313E by changing the saturation by 10% instead.

 B5313E

 B5313E

FFFFFF

 970D28

 F3696D

 790014

 FF8487

 5C0000

 FFA0A1

 400002

 FFBCBC

 200001

 FFD9D8

 000000

 FFF7F4

 B5313E

 B5313E

 B51F2E

 B5434E

 B50D1D

 B5555F

 B50012

 B5676F

 B5797F

 B58C90

 B59EA0

 B5B0B0

 B5C2C1

 B5D4D1

Harmonies

Analogous

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



B22B6E



B5313E



A2480F

Triad

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



B5313E



007425



006BC3

Complementary

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



B5313E



31B5A8

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.



0075B1



B5313E



007758

Square

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



B5313E



526C00



007889



4B5ABB

Rectangle

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



B5313E



8C5700



007889



006FC0

Sweetspot

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



B5313E



EBB7BC



A831B5



75575A



F5F5F5



757575

Same Dimension

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



B5313E



EB1C30



B56631



595051



99000F



1A0003

Inverse Universe

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



B5313E



EB1C30



3180B5



595051



99000F



1A0003

Previews

White Background



This preview shows how the Hex color B5313E looks on a white background.

Color Contrast Check

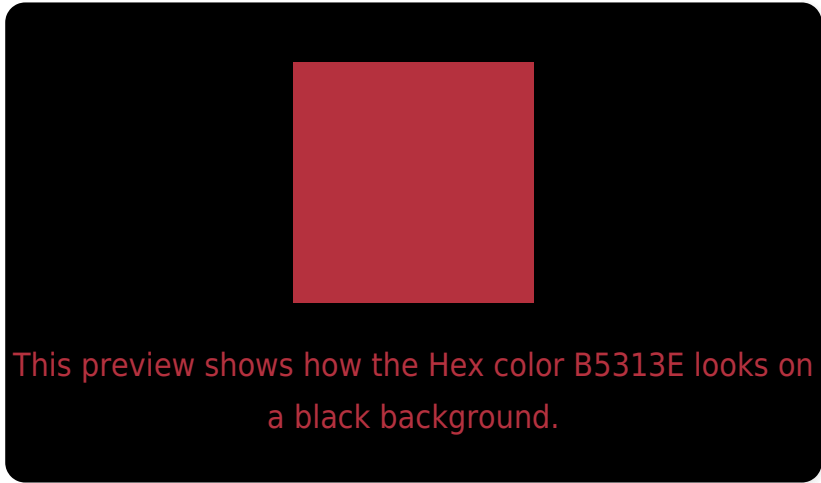
Large Text (above 18pt) WCAG AA ✓ Pass

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 B5313E Background



This preview shows how black text looks on a background with the Hex color B5313E.

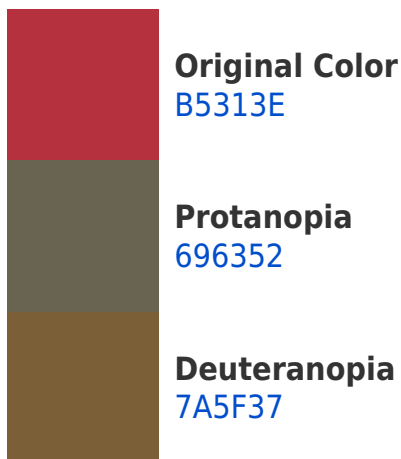


This preview shows how white text looks on a background with the Hex color B5313E.

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
B53335

Trichromacy



Original Color
B5313E

Protanomaly
85514B

Deuteranomaly
8F4E3A

Tritanomaly
B53238

Monochromacy



Original Color
B5313E

Achromatopsia
5A5A5A

Achromatomaly
7B4B50

CSS Examples

Text

The CSS property to change the color of the text to Hex B5313E 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 #B5313E looks like.

```
.text, #text, p{  
    color:#B5313E  
}
```

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 #B5313E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5313E
}
```

Border

The CSS property to change the border of an element to Hex B5313E is called "border". The border property can be set on classes, ids or directly on the HTML element.

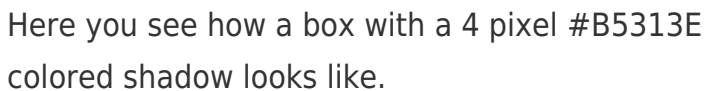
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5313E }
```

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

```
.border{ border-color:#B5313E }
```

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



Here you see how a box with a 4 pixel #B5313E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5313E; -webkit-box-shadow:4px 4px  
4px 4px #B5313E; box-shadow:4px 4px 4px  
4px #B5313E }
```

Background

The CSS property to change the background color of an element to Hex B5313E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5313E }
```

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

```
.background{ background-color:#B5313E }
```

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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