

Converting Colors

Hex(B23E3E)

Have a look what the booklet for
Hex(B23E3E) contains.

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Color

Hex(B23E3E)

Conversions

Conversions Part 1

Format	Color
Hex	B23E3E
RGB	178, 62, 62
RGB Percent	70%, 24%, 24%
CMY	0.3020, 0.7569, 0.7569
CMYK	0.00, 0.65, 0.65, 0.30
HSL	0°, 48%, 47%
HSV	0°, 65%, 70%
XYZ	20.9522, 13.2580, 6.0122
YIQ	96.6840, 69.1360, 24.5920

Conversions

Conversions Part 2

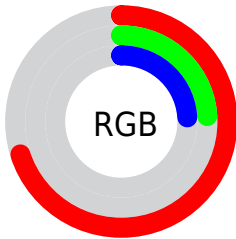
Format	Color
R _Y B	178, 62, 62
Decimal	11681342
CIE Lab	43.15, 47.09, 25.82
CIE LCh	43, 53.703, 28.741
Yxy	13.2580, 0.5209, 0.3296
Android (android.graphics.Color)	4289871422 (0xFFB23E3E)
YUV	96.6840, -17.0992, 71.3141
Hunter-Lab	36.4116, 38.9936, 15.6983

Details

The Hex color **B23E3E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3EB2B2**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **EF736E**, and **770014** is the 20% darker color. If you saturate the color by 10%, you get **B22C2C**, and if you desaturate by 10%, it is **B25050**.

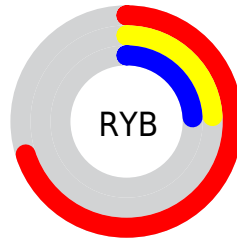
Distribution



Red (70%)

Green (24%)

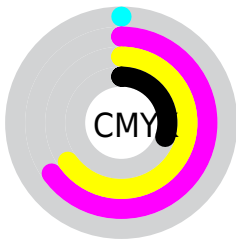
Blue (24%)



Red (70%)

Yellow (24%)

Blue (24%)

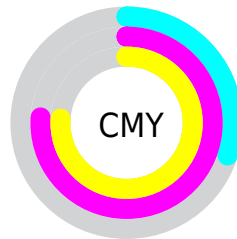


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (30%)



Cyan (30%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B23E3E 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 B23E3E by changing the saturation by 10% instead.

 B23E3E

 B23E3E

FFFFFF

 942228

 EF736E

 770014

 FF8E87

 5A0000

 FFAAA1

 3E0001

 FFC6BC

 1F0001

 FFE3D8

 000000

 FFFFF5

 B23E3E

 B23E3E

 B22C2C

 B25050

 B21A1A

 B26262

 B20909

 B27373

 B20000

 B28585

 B29797

 B2A9A9

 B2BBBB

 B2CCCC

 B2DEDE

Harmonies

Analogous

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



B2376A



B23E3E



9E5116

Triad

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



B23E3E



007735



006CBF

Complementary

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



B23E3E



3EB2B2

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.



0076B2



B23E3E



007A63

Square

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



B23E3E



517006



007A90



605BB4

Rectangle

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



B23E3E



895E00



007A90



0070BD

Sweetspot

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



B23E3E



E8BABA



B23EB2



755959



F5F5F5



757575

Same Dimension

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



B23E3E



E83333



B2783E



595050



990000



1A0000

Inverse Universe

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



3EB2B2



33E8E8



3E78B2



505959



009999



001A1A

Previews

White Background



This preview shows how the Hex color B23E3E looks on a white background.

Color Contrast Check

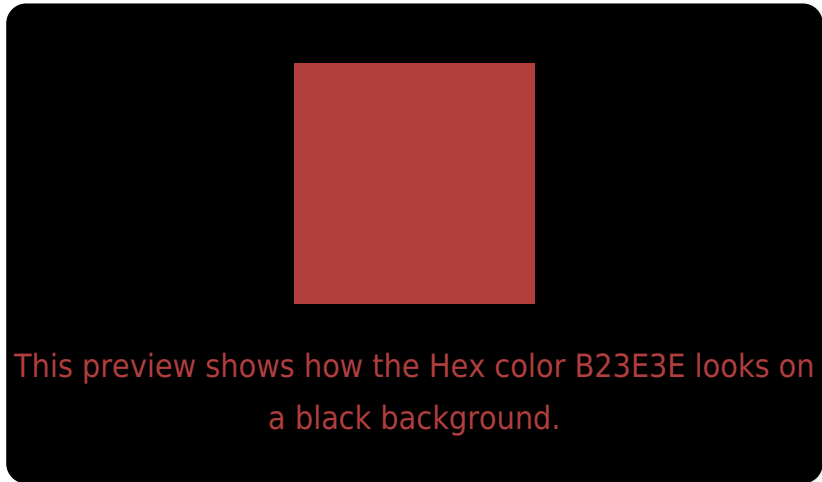
Large Text (above 18pt) WCAG AA ✓ Pass

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

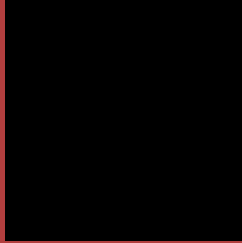
Any Text WCAG AA × Fail

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 B23E3E Background



This preview shows how black text looks on a background with the Hex color B23E3E.

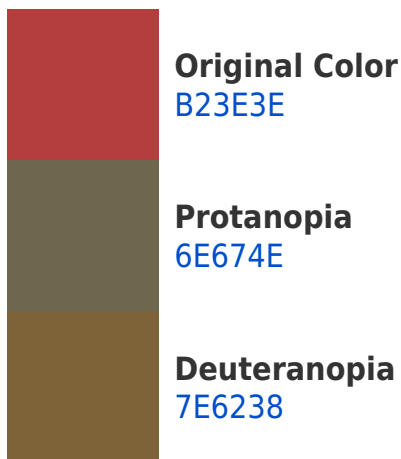



This preview shows how white text looks on a background with the Hex color B23E3E.

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](#).

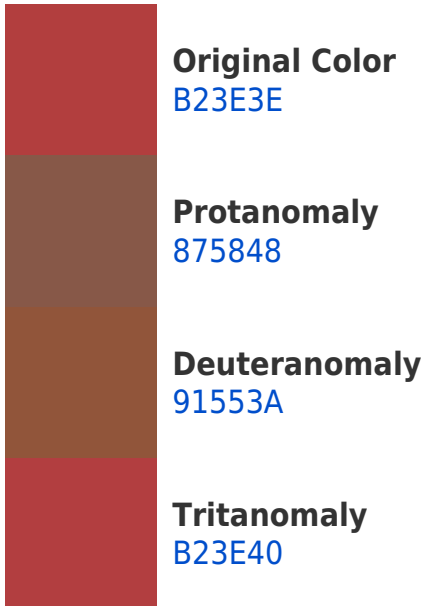
Dichromacy





Tritanopia
B23E41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B23E3E 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 #B23E3E looks like.

```
.text, #text, p{  
    color:#B23E3E  
}
```

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 #B23E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23E3E
}
```

Border

The CSS property to change the border of an element to Hex B23E3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

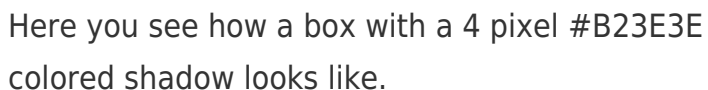
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B23E3E }
```

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

```
.border{ border-color:#B23E3E }
```

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



Here you see how a box with a 4 pixel `#B23E3E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23E3E; -webkit-box-shadow:4px 4px  
4px 4px #B23E3E; box-shadow:4px 4px 4px  
4px #B23E3E }
```

Background

The CSS property to change the background color of an element to Hex B23E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23E3E }
```

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

```
.background{ background-color:#B23E3E }
```

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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