

Converting Colors

Hex(B23E29)

Have a look what the booklet for
Hex(B23E29) contains.

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Color

Hex(B23E29)

Conversions

Conversions Part 1

Format	Color
Hex	B23E29
RGB	178, 62, 41
RGB Percent	70%, 24%, 16%
CMY	0.3020, 0.7569, 0.8392
CMYK	0.00, 0.65, 0.77, 0.30
HSL	9°, 63%, 43%
HSV	9°, 77%, 70%
XYZ	20.4830, 13.0703, 3.5411
YIQ	94.2900, 75.8770, 18.0610

Conversions

Conversions Part 2

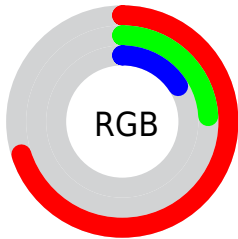
Format	Color
R_{YB}	178, 66, 41
Decimal	11681321
CIE Lab	42.87, 46.02, 37.66
CIE LCh	43, 59.468, 39.291
Yxy	13.0703, 0.5522, 0.3524
Android (android.graphics.Color)	4289871401 (0xFFB23E29)
YUV	94.2900, -26.2720, 73.4137
Hunter-Lab	36.1529, 37.8642, 19.4997

Details

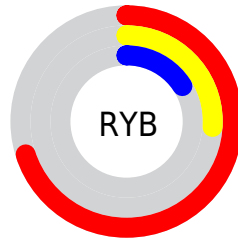
The Hex color **B23E29** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **299DB2**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F07358**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B22F17**, and if you desaturate by 10%, it is **B24D3B**.

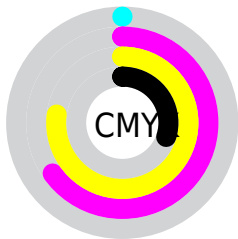
Distribution



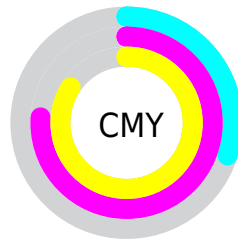
- Red (70%)
- Green (24%)
- Blue (16%)



- Red (70%)
- Yellow (26%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (77%)
- Black (30%)



- Cyan (30%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color B23E29 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 B23E29 by changing the saturation by 10% instead.

 B23E29

 B23E29

FFFFFF

 942213

 F07358

 760000

 FF8E71

 580000

 FFA98A

 3D0001

 FFC6A5

 1D0001

 FFE2C0

 000000

 FFFFDC

 FFFFF9

 B23E29

 B23E29

 B22F17

 B24D3B

 B22005

 B25C4D

 B21B00

 B26B5E

 B27A70

 B28982

 B29894

 B2A8A6

 B2B7B7

 B2C6C9

Harmonies

Analogous

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



BB2C58



B23E29



965600

Triad

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



B23E29



007940



0066C7

Complementary

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



B23E29



299DB2

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.



0074C2



B23E29



007B74

Square

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



B23E29



357307



007AA3



7950B2

Rectangle

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



B23E29



7C6300



007AA3



006CC8

Sweetspot

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



B23E29



E8BBB3



B2299D



755954



F5F5F5



757575

Same Dimension

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



B23E29



E83313



B28229



595250



991700



1A0400

Inverse Universe

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



299DB2



13C7E8



2959B2



505859



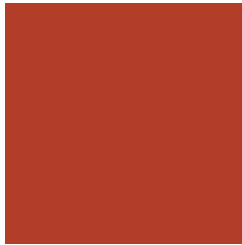
008299



00161A

Previews

White Background



This preview shows how the Hex color B23E29 looks on a white background.

Color Contrast Check

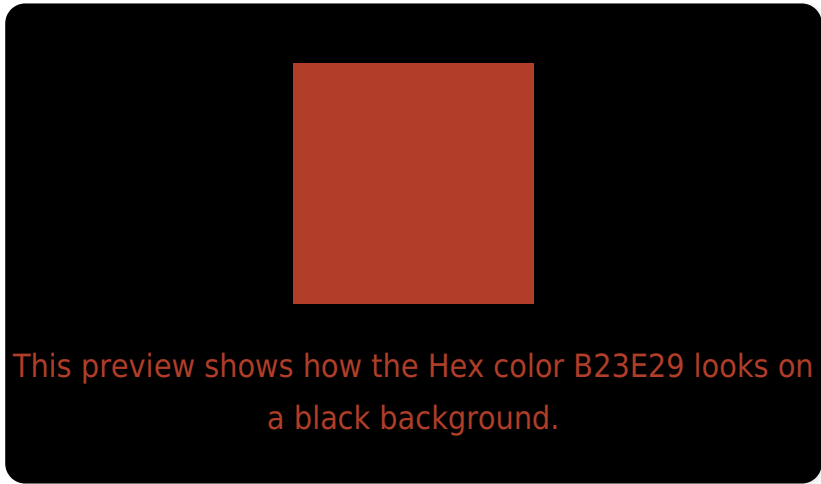
Large Text (above 18pt) WCAG AA ✓ Pass

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

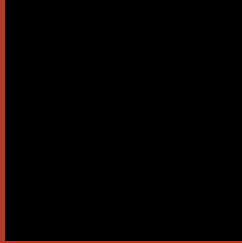
Any Text WCAG AA × Fail

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 B23E29 Background



This preview shows how black text looks on a background with the Hex color B23E29.



This preview shows how white text looks on a background with the Hex color B23E29.

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
B23E29

Protanopia
716635

Deuteranopia
806120



Tritanopia
B33B3F

Trichromacy



Original Color
B23E29

Protanomaly
895731

Deuteranomaly
925423

Tritanomaly
B33C37

Monochromacy



Original Color
B23E29

Achromatopsia
5E5E5E

Achromatomaly
7D524B

CSS Examples

Text

The CSS property to change the color of the text to Hex B23E29 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 #B23E29 looks like.

```
.text, #text, p{  
    color:#B23E29  
}
```

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 #B23E29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23E29
}
```

Border

The CSS property to change the border of an element to Hex B23E29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

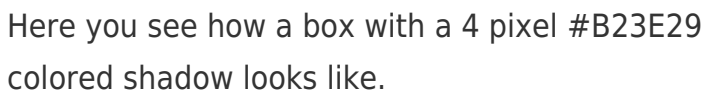
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B23E29 }
```

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

```
.border{ border-color:#B23E29 }
```

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



Here you see how a box with a 4 pixel #B23E29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23E29; -webkit-box-shadow:4px 4px  
4px 4px #B23E29; box-shadow:4px 4px 4px  
4px #B23E29 }
```

Background

The CSS property to change the background color of an element to Hex B23E29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23E29 }
```

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

```
.background{ background-color:#B23E29 }
```

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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