

Converting Colors

Hex(B23853)

Have a look what the booklet for
Hex(B23853) contains.

Hex(B23853)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B23853)

Conversions

Conversions Part 1

Format	Color
Hex	B23853
RGB	178, 56, 83
RGB Percent	70%, 22%, 33%
CMY	0.3020, 0.7804, 0.6745
CMYK	0.00, 0.69, 0.53, 0.30
HSL	347°, 52%, 46%
HSV	347°, 69%, 70%
XYZ	21.3356, 12.9179, 9.5525
YIQ	95.5560, 64.0450, 34.2610

Conversions

Conversions Part 2

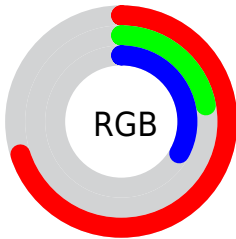
Format	Color
R _Y B	178, 56, 83
Decimal	11679827
CIE Lab	42.64, 51.12, 12.23
CIE LCh	43, 52.561, 13.459
Yxy	12.9179, 0.4870, 0.2949
Android (android.graphics.Color)	4289869907 (0xFFB23853)
YUV	95.5560, -6.1901, 72.3034
Hunter-Lab	35.9414, 43.0640, 9.4009

Details

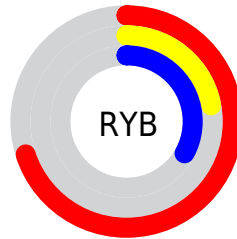
The Hex color **B23853** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **38B297**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **EE6F84**, and **780027** is the 20% darker color. If you saturate the color by 10%, you get **B22645**, and if you desaturate by 10%, it is **B24A61**.

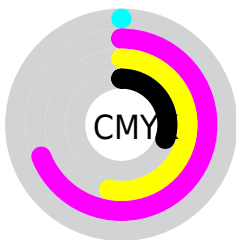
Distribution



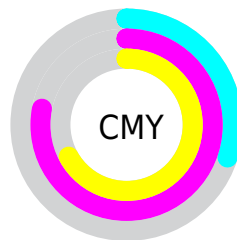
- Red (70%)
- Green (22%)
- Blue (33%)



- Red (70%)
- Yellow (22%)
- Blue (33%)



- Cyan (0%)
- Magenta (69%)
- Yellow (53%)
- Black (30%)



- Cyan (30%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color B23853 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 B23853 by changing the saturation by 10% instead.

 B23853

 B23853

FFFFFF

 95193C

 EE6F84

 780027

 FF8A9E

 5B0012

 FFA6B9

 400001

 FFC2D5

 210001

 FFDF1

 000000

 FFFCFF

 B23853

 B23853

 B22645

 B24A61

 B21437

 B25C6F

 B20329

 B26D7D

 B20027

 B27F8A

 B29198

 B2A3A6

 B2B5B4

 B2C6C2

 B2D8D0

Harmonies

Analogous

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



A63C7E



B23853



A8472A

Triad

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



B23853



34721F



0070B8

Complementary

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



B23853



38B297

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.



0077A0



B23853



00774A

Square

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



B23853



676900



007978



2763BA

Rectangle

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



B23853



975410



007978



0073B2

Sweetspot

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



B23853



E8B7C2



9638B2



75585E



F5F5F5



757575

Same Dimension

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



B23853



E82A54



B25938



595052



990022



1A0006

Inverse Universe

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



B23853



E82A54



3891B2



595052



990022



1A0006

Previews

White Background



This preview shows how the Hex color B23853 looks on a white background.

Color Contrast Check

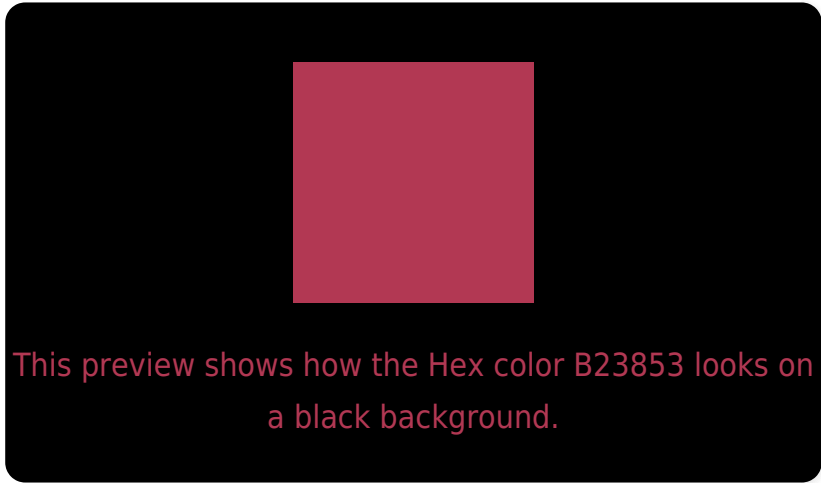
Large Text (above 18pt) WCAG AA ✓ Pass

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 B23853 Background



This preview shows how black text looks on a background with the Hex color B23853.

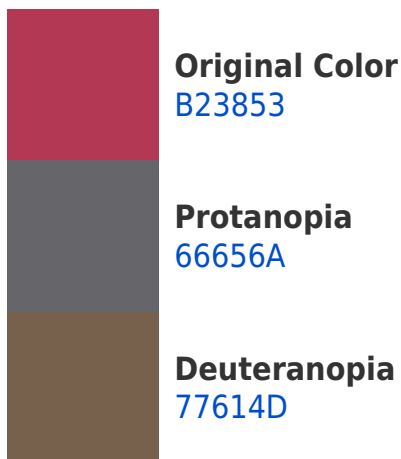


This preview shows how white text looks on a background with the Hex color B23853.

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
B13C3F

Trichromacy



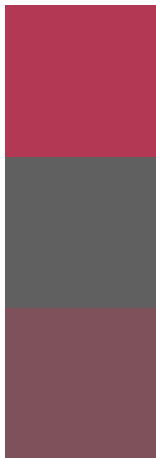
Original Color
B23853

Protanomaly
825562

Deuteranomaly
8C524F

Tritanomaly
B13B46

Monochromacy



Original Color
B23853

Achromatopsia
606060

Achromatomaly
7E515B

CSS Examples

Text

The CSS property to change the color of the text to Hex B23853 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 #B23853 looks like.

```
.text, #text, p{  
    color:#B23853  
}
```

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 #B23853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23853
}
```

Border

The CSS property to change the border of an element to Hex B23853 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".

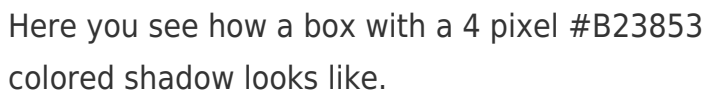
```
.border, #border, table{ border:4px solid
#B23853 }
```

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

```
.border{ border-color:#B23853 }
```

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

Here you see how a box with a 4 pixel #B23853 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23853; -webkit-box-shadow:4px 4px  
4px 4px #B23853; box-shadow:4px 4px 4px  
4px #B23853 }
```

Background

The CSS property to change the background color of an element to Hex B23853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23853 }
```

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

```
.background{ background-color:#B23853 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor