

Converting Colors

Hex(B83E63)

Have a look what the booklet for
Hex(B83E63) contains.

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Color

Hex(B83E63)

Conversions

Conversions Part 1

Format	Color
Hex	B83E63
RGB	184, 62, 99
RGB Percent	72%, 24%, 39%
CMY	0.2784, 0.7569, 0.6118
CMYK	0.00, 0.66, 0.46, 0.28
HSL	342°, 50%, 48%
HSV	342°, 66%, 72%
XYZ	23.7419, 14.5364, 13.3589
YIQ	102.6960, 60.8350, 37.3710

Conversions

Conversions Part 2

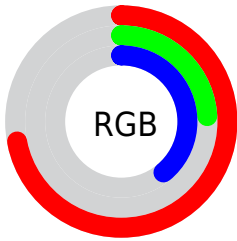
Format	Color
R_{YB}	184, 62, 99
Decimal	12074595
CIE _{Lab}	44.99, 51.99, 5.78
CIE _{LCh}	45, 52.314, 6.343
Yxy	14.5364, 0.4598, 0.2815
Android (android.graphics.Color)	4290264675 (0xFFB83E63)
YUV	102.6960, -1.8221, 71.3036
Hunter-Lab	38.1267, 44.4322, 5.9146

Details

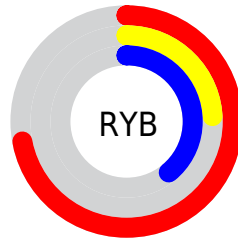
The Hex color **B83E63** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **3EB893**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **F47596**, and **7E0035** is the 20% darker color. If you saturate the color by 10%, you get **B82C56**, and if you desaturate by 10%, it is **B85070**.

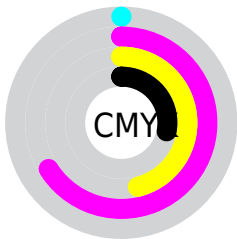
Distribution



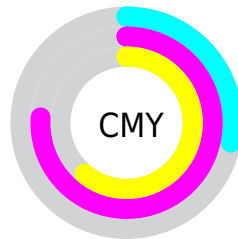
- Red (72%)
- Green (24%)
- Blue (39%)



- Red (72%)
- Yellow (24%)
- Blue (39%)



- Cyan (0%)
- Magenta (66%)
- Yellow (46%)
- Black (28%)



- Cyan (28%)
- Magenta (76%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B83E63 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 B83E63 by changing the saturation by 10% instead.

 B83E63

 B83E63

FFFFFF

 9B204B

 F47596

 7E0035

 FF90B0

 610020

 FFACCC

 460007

 FFC8E8

 2B0001


 FFE5FF

 000000

 B83E63

 B83E63

 B82C56

 B85070

 B81949

 B8637D

 B8073D

 B87589

 B80038

 B88896

 B89AA3

 B8ACB0

 B8BFBD

 B8D1CA

 B8E4D6

Harmonies

Analogous

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



A6478E



B83E63



B34939

Triad

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



B83E63



49761C



0078BA

Complementary

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



B83E63



3EB893

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.



007E9D



B83E63



007C45

Square

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



B83E63



776B00



007F73



006DC2

Rectangle

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



B83E63



A45520



007F73



007BB3

Sweetspot

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



B83E63



F0C0CE



913EB8



785B64



F7F7F7



787878

Same Dimension

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



B83E63



F0306A



B8543E



5C5355



9C002F



1C0009

Inverse Universe

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



B83E63



F0306A



3EA2B8



5C5355



9C002F



1C0009

Previews

White Background



This preview shows how the Hex color B83E63 looks on a white background.

Color Contrast Check

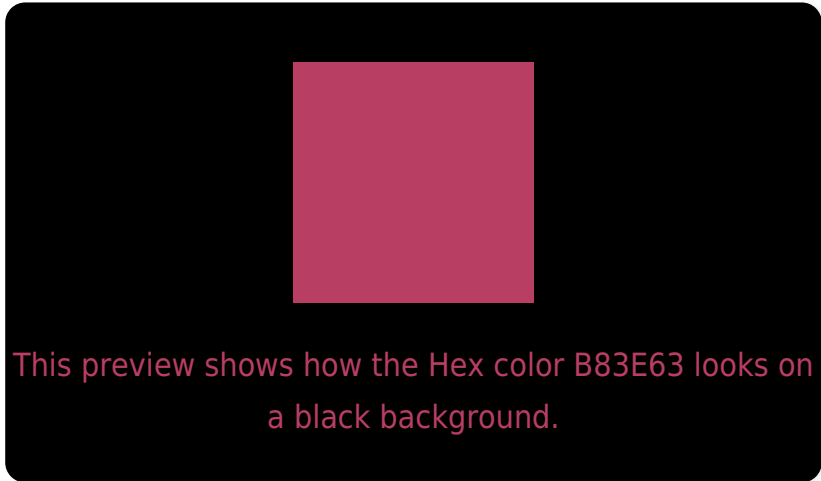
Large Text (above 18pt) WCAG AA ✓ Pass

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 B83E63 Background



This preview shows how black text looks on a background with the Hex color B83E63.



This preview shows how white text looks on a background with the Hex color B83E63.

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
B64448

Trichromacy



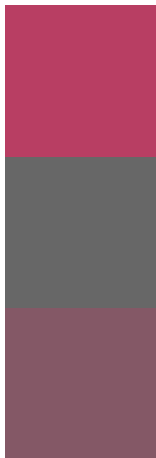
Original Color
B83E63

Protanomaly
855A73

Deuteranomaly
91585F

Tritanomaly
B74252

Monochromacy



Original Color
B83E63

Achromatopsia
676767

Achromatomaly
845866

CSS Examples

Text

The CSS property to change the color of the text to Hex B83E63 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 #B83E63 looks like.

```
.text, #text, p{  
    color:#B83E63  
}
```

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 #B83E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83E63
}
```

Border

The CSS property to change the border of an element to Hex B83E63 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
#B83E63 }
```

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

```
.border{ border-color:#B83E63 }
```

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

Here you see how a box with a 4 pixel #B83E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83E63; -webkit-box-shadow:4px 4px  
4px 4px #B83E63; box-shadow:4px 4px 4px  
4px #B83E63 }
```

Background

The CSS property to change the background color of an element to Hex B83E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83E63 }
```

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

```
.background{ background-color:#B83E63 }
```

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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