

Converting Colors

Hex(B83E61)

Have a look what the booklet for
Hex(B83E61) contains.

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Color

Hex(B83E61)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------------------------|
| Hex | B83E61 |
| RGB | 184, 62, 97 |
| RGB Percent | 72%, 24%, 38% |
| CMY | 0.2784, 0.7569, 0.6196 |
| CMYK | 0.00, 0.66, 0.47, 0.28 |
| HSL | 343°, 50%, 48% |
| HSV | 343°, 66%, 72% |
| XYZ | 23.6475, 14.4987, 12.8614 |
| YIQ | 102.4680, 61.4770, 36.7490 |

Conversions

Conversions Part 2

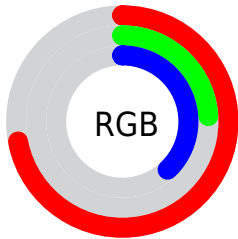
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 184, 62, 97 |
| Decimal | 12074593 |
| CIE _{Lab} | 44.94, 51.80, 6.94 |
| CIE _{LCh} | 45, 52.266, 7.628 |
| Yxy | 14.4987, 0.4636, 0.2842 |
| Android (android.graphics.Color) | 4290264673 (0xFFB83E61) |
| YUV | 102.4680, -2.6957, 71.5036 |
| Hunter-Lab | 38.0771, 44.2209, 6.6274 |

Details

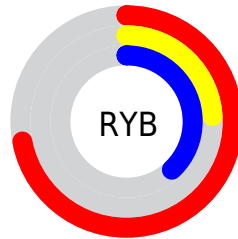
The Hex color **B83E61** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **3EB895**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F47593**, and **7E0033** is the 20% darker color. If you saturate the color by 10%, you get **B82C54**, and if you desaturate by 10%, it is **B8506E**.

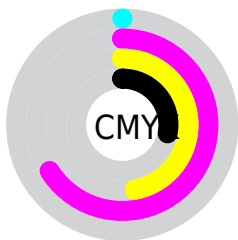
Distribution



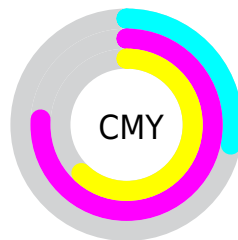
- Red (72%)
- Green (24%)
- Blue (38%)



- Red (72%)
- Yellow (24%)
- Blue (38%)



- Cyan (0%)
- Magenta (66%)
- Yellow (47%)
- Black (28%)



- Cyan (28%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B83E61 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 B83E61 by changing the saturation by 10% instead.

 B83E61

 B83E61

FFFFFF

 9B2049

 F47593

 7E0033

 FF90AE

 61001E

 FFACC9

 460004

 FFC8E5

 2B0001

 FFE5FF

 000000

 B83E61

 B83E61

 B82C54

 B8506E

 B81947

 B8637B

 B8073A

 B87588

 B80035

 B88895

 B89AA3

 B8ACB0

 B8BFBD

 B8D1CA

 B8E4D7

Harmonies

Analogous

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



A7468C



B83E61



B24937

Triad

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



B83E61



47771E



0078BB

Complementary

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



B83E61



3EB895

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.



007D9F



B83E61



007C47

Square

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



B83E61



756C00



007F75



006CC1

Rectangle

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



B83E61



A3561F



007F75



007AB4

Sweetspot

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



B83E61



F0C0CE



933EB8



785B63



F7F7F7



787878

Same Dimension

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



B83E61



F03067



B8563E



5C5355



9C002D



1C0008

Inverse Universe

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



B83E61



F03067



3EA0B8



5C5355



9C002D



1C0008

Previews

White Background



This preview shows how the Hex color B83E61 looks on a white background.

Color Contrast Check

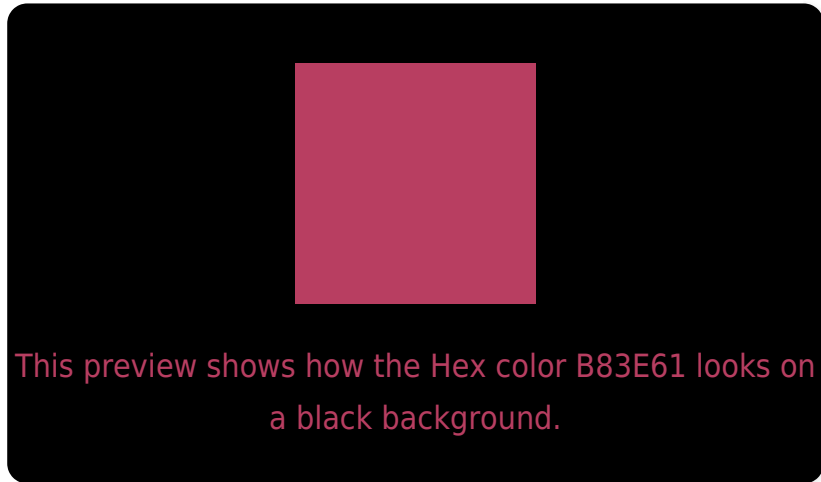
Large Text (above 18pt) WCAG AA ✓ Pass

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 B83E61 Background



This preview shows how black text looks on a background with the Hex color B83E61.

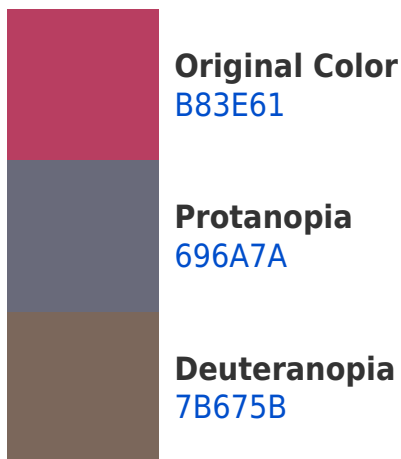



This preview shows how white text looks on a background with the Hex color B83E61.

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
B64347

Trichromacy



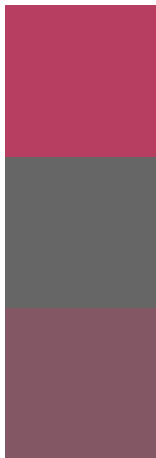
Original Color
B83E61

Protanomaly
865A71

Deuteranomaly
91585D

Tritanomaly
B74150

Monochromacy



Original Color
B83E61

Achromatopsia
666666

Achromatomaly
845764

CSS Examples

Text

The CSS property to change the color of the text to Hex B83E61 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 #B83E61 looks like.

```
.text, #text, p{  
    color:#B83E61  
}
```

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 #B83E61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83E61
}
```

Border

The CSS property to change the border of an element to Hex B83E61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

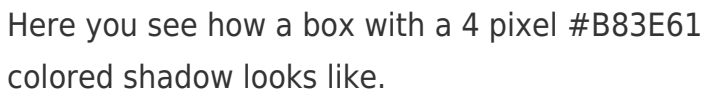
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B83E61 }
```

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

```
.border{ border-color:#B83E61 }
```

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



Here you see how a box with a 4 pixel #B83E61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83E61; -webkit-box-shadow:4px 4px  
4px 4px #B83E61; box-shadow:4px 4px 4px  
4px #B83E61 }
```

Background

The CSS property to change the background color of an element to Hex B83E61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83E61 }
```

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

```
.background{ background-color:#B83E61 }
```

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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