

Converting Colors

Hex(BB3E47)

Have a look what the booklet for
Hex(BB3E47) contains.

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Color

Hex(BB3E47)

Conversions

Conversions Part 1

Format	Color
Hex	BB3E47
RGB	187, 62, 71
RGB Percent	73%, 24%, 28%
CMY	0.2667, 0.7569, 0.7216
CMYK	0.00, 0.67, 0.62, 0.27
HSL	356°, 50%, 49%
HSV	356°, 67%, 73%
XYZ	23.3535, 14.4650, 7.5224
YIQ	100.4010, 71.6110, 29.2990

Conversions

Conversions Part 2

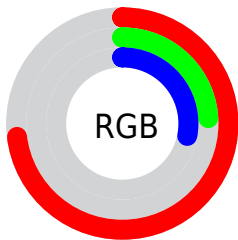
Format	Color
R _Y B	187, 62, 71
Decimal	12271175
CIE Lab	44.89, 50.70, 22.92
CIE LCh	45, 55.639, 24.328
Yxy	14.4650, 0.5151, 0.3190
Android (android.graphics.Color)	4290461255 (0xFFBB3E47)
YUV	100.4010, -14.4947, 75.9473
Hunter-Lab	38.0328, 43.0476, 14.8962

Details

The Hex color **BB3E47** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3EBBB2**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F87477**, and **7F001C** is the 20% darker color. If you saturate the color by 10%, you get **BB2B36**, and if you desaturate by 10%, it is **BB5158**.

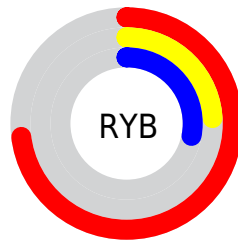
Distribution



Red (73%)

Green (24%)

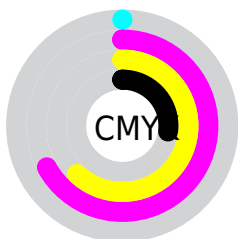
Blue (28%)



Red (73%)

Yellow (24%)

Blue (28%)

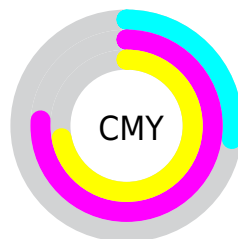


Cyan (0%)

Magenta (67%)

Yellow (62%)

Black (27%)



Cyan (27%)

Magenta (76%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB3E47 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 BB3E47 by changing the saturation by 10% instead.

 BB3E47

 BB3E47

FFFFFF

 9D2131

 F87477

 7F001C

 FF9091

 620003

 FFACAB

 460000

 FFC8C7

 2A0001

 FFE5E3

 000000

 BB3E47

 BB3E47

 BB2B36

 BB5158

 BB1924

 BB636A

 BB0613

 BB767B

 BB000D

 BB898C

 BB9C9E

 BBAAEF

 BBC1C0

 BBD4D2

 BBE6E3

Harmonies

Analogous

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



B83A75



BB3E47



A9521D

Triad

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



BB3E47



0E7B30



0072C7

Complementary

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



BB3E47



3EBBB2

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.



007CB5



BB3E47



007F60

Square

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



BB3E47



5B7300



007F8F



5762BF

Rectangle

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



BB3E47



945F00



007F8F



0076C4

Sweetspot

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



BB3E47



F2C2C5



B13EBB



7A5D5F



FAFAFA



7A7A7A

Same Dimension

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



BB3E47



F2303E



BB723E



5E5556



9E000B



1F0002

Inverse Universe

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



BB3E47



F2303E



3E87BB



5E5556



9E000B



1F0002

Previews

White Background



This preview shows how the Hex color BB3E47 looks on a white background.

Color Contrast Check

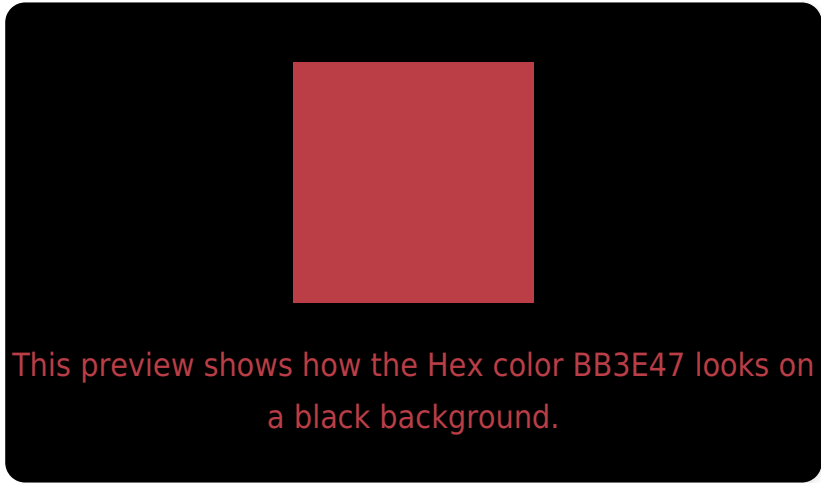
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB3E47 Background



This preview shows how black text looks on a background with the Hex color BB3E47.

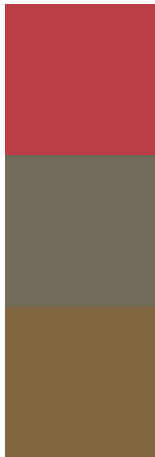


This preview shows how white text looks on a background with the Hex color BB3E47.

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
BB3E47

Protanopia
716B5A

Deuteranopia
826641

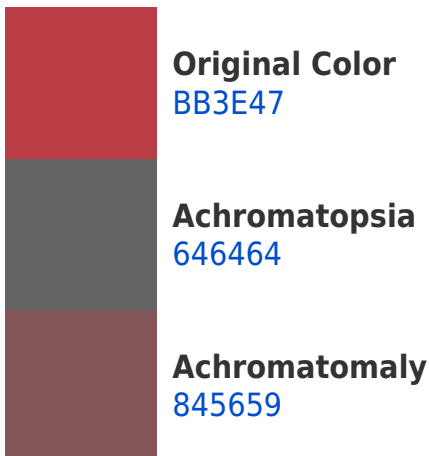


Tritanopia
BB3F42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB3E47 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 #BB3E47 looks like.

```
.text, #text, p{  
    color:#BB3E47  
}
```

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 #BB3E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB3E47
}
```

Border

The CSS property to change the border of an element to Hex BB3E47 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
#BB3E47 }
```

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

```
.border{ border-color:#BB3E47 }
```

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

Here you see how a box with a 4 pixel #BB3E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB3E47; -webkit-box-shadow:4px 4px  
4px 4px #BB3E47; box-shadow:4px 4px 4px  
4px #BB3E47 }
```

Background

The CSS property to change the background color of an element to Hex BB3E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB3E47 }
```

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

```
.background{ background-color:#BB3E47 }
```

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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