

Converting Colors

Hex(BE4445)

Have a look what the booklet for
Hex(BE4445) contains.

Hex(BE4445)	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(BE4445)

Conversions

Conversions Part 1

Format	Color
Hex	BE4445
RGB	190, 68, 69
RGB Percent	75%, 27%, 27%
CMY	0.2549, 0.7333, 0.7294
CMYK	0.00, 0.64, 0.64, 0.25
HSL	360°, 48%, 51%
HSV	360°, 64%, 75%
XYZ	24.3765, 15.5111, 7.3394
YIQ	104.5920, 72.3910, 26.1750

Conversions

Conversions Part 2

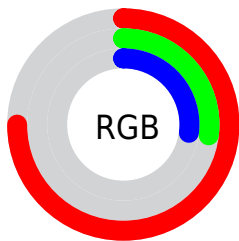
Format	Color
RYB	190, 68, 69
Decimal	12469317
CIELab	46.33, 49.03, 26.06
CIElCh	46, 55.523, 27.998
Yxy	15.5111, 0.5162, 0.3284
Android (android.graphics.Color)	4290659397 (0xFFBE4445)
YUV	104.5920, -17.5469, 74.9028
Hunter-Lab	39.3841, 41.5592, 16.5199

Details

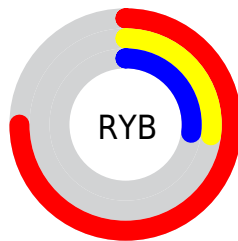
The Hex color **BE4445** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **44BEBD**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FB7A75**, and **82011A** is the 20% darker color. If you saturate the color by 10%, you get **BE3132**, and if you desaturate by 10%, it is **BE5758**.

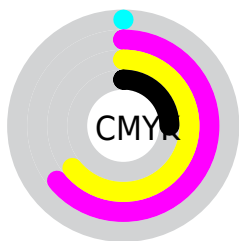
Distribution



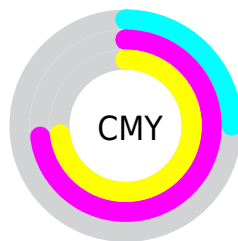
- Red (75%)
- Green (27%)
- Blue (27%)



- Red (75%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (64%)
- Yellow (64%)
- Black (25%)



- Cyan (25%)
- Magenta (73%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE4445 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 BE4445 by changing the saturation by 10% instead.

 BE4445

 BE4445

FFFFFF

 A0282F

 FB7A75

 82011A

 FF958F

 650000

 FFB1A9

 480000

 FFCDC5

 2D0001

 FFEAE1

 000000

FFFFFFD

 BE4445

 BE4445

 BE3132

 BE5758

 BE1E1F

 BE6A6B

 BE0B0C

 BE7D7E

 BE0002

 BE9090

 BEA3A3

 BEB6B6

 BEC9C9

 BEDCDC

 BEEFEF

Harmonies

Analogous

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



BD3E73



BE4445



A9581B

Triad

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



BE4445



007F39



0074CB

Complementary

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



BE4445



44BEBD

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.



007FBC



BE4445



008369

Square

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



BE4445



59780A



008398



6663C1

Rectangle

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



BE4445



936500



008398



0079C9

Sweetspot

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



BE4445



F7C8C9



BC44BE



7D6060



FCFCFC



7D7D7D

Same Dimension

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



BE4445



F7393A



BE7F44



5E5555



9E0001



1F0000

Inverse Universe

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



BE4445



F7393A



4483BE



5E5555



9E0001



1F0000

Previews

White Background



This preview shows how the Hex color BE4445 looks on a white background.

Color Contrast Check

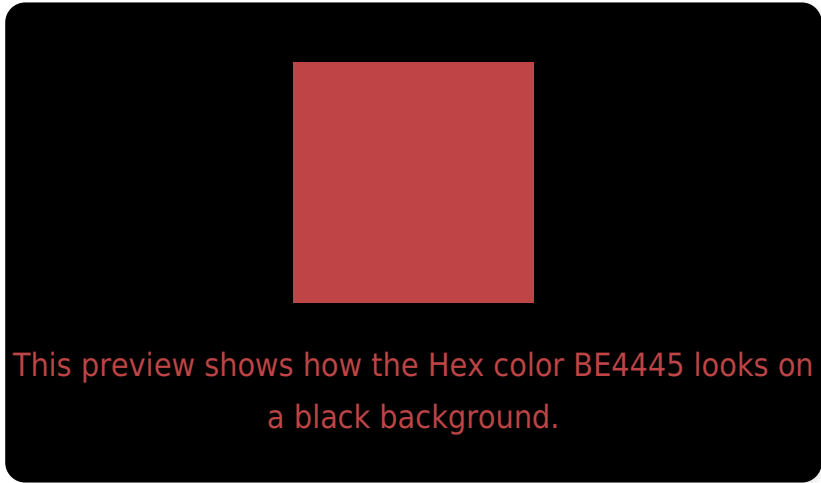
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE4445 Background



This preview shows how black text looks on a background with the Hex color BE4445.



This preview shows how white text looks on a background with the Hex color BE4445.

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
BE4445

Protanopia
766E56

Deuteranopia
87693F



Tritanopia
BE4448

Trichromacy



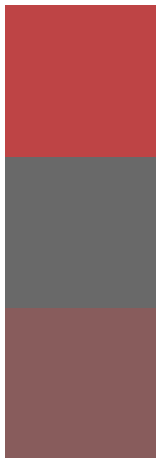
Original Color
BE4445

Protanomaly
905F50

Deuteranomaly
9B5C41

Tritanomaly
BE4447

Monochromacy



Original Color
BE4445

Achromatopsia
696969

Achromatomaly
885C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex BE4445 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 #BE4445 looks like.

```
.text, #text, p{  
    color:#BE4445  
}
```

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 #BE4445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4445  
}
```

Border

The CSS property to change the border of an element to Hex BE4445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

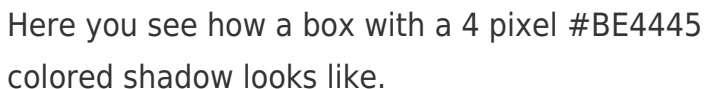
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#BE4445 }
```

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

```
.border{ border-color:#BE4445 }
```

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



Here you see how a box with a 4 pixel #BE4445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4445; -webkit-box-shadow:4px 4px  
4px 4px #BE4445; box-shadow:4px 4px 4px  
4px #BE4445 }
```

Background

The CSS property to change the background color of an element to Hex BE4445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4445 }
```

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

```
.background{ background-color:#BE4445 }
```

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