

Converting Colors

Hex(BC4427)

Have a look what the booklet for
Hex(BC4427) contains.

Hex(BC4427)	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(BC4427)

Conversions

Conversions Part 1

Format	Color
Hex	BC4427
RGB	188, 68, 39
RGB Percent	74%, 27%, 15%
CMY	0.2627, 0.7333, 0.8471
CMYK	0.00, 0.64, 0.79, 0.26
HSL	12°, 66%, 45%
HSV	12°, 79%, 74%
XYZ	23.1724, 14.9721, 3.5880
YIQ	100.5740, 80.8290, 16.4210

Conversions

Conversions Part 2

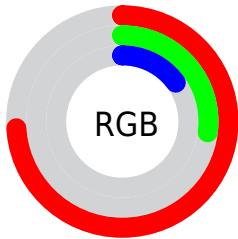
Format	Color
RYB	188, 75, 39
Decimal	12338215
CIELab	45.60, 46.85, 42.08
CIElCh	46, 62.976, 41.927
Yxy	14.9721, 0.5553, 0.3588
Android (android.graphics.Color)	4290528295 (0xFFBC4427)
YUV	100.5740, -30.3560, 76.6726
Hunter-Lab	38.6938, 39.1833, 21.5877

Details

The Hex color **BC4427** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **279FBC**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FA7956**, and **7F0400** is the 20% darker color. If you saturate the color by 10%, you get **BC3514**, and if you desaturate by 10%, it is **BC533A**.

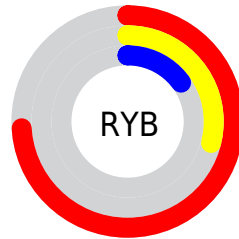
Distribution



Red (74%)

Green (27%)

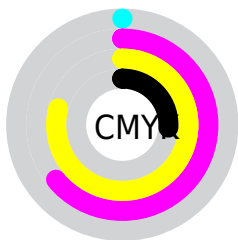
Blue (15%)



Red (74%)

Yellow (29%)

Blue (15%)

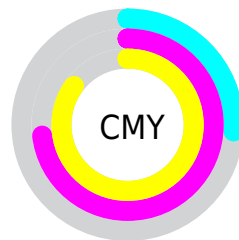


Cyan (0%)

Magenta (64%)

Yellow (79%)

Black (26%)



Cyan (26%)

Magenta (73%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC4427 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 BC4427 by changing the saturation by 10% instead.

 BC4427

 BC4427

FFFFFF

 9D2910

 FA7956

 7F0400

 FF946F

 610000

 FFB089

 440000

 FFCCA4

 290001

 FFE9BF

 000000

 FFFFDB

 FFFFF8

 BC4427

 BC4427

 BC3514

 BC533A

 BC2601

 BC624D

 BC2500

 BC715F

 BC8172

 BC9085

 BC9F98

 BC AEAB

 BC BDBD

 BC CC D0

Harmonies

Analogous

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



C82E59



BC4427



9C5E00

Triad

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



BC4427



008149



006BD4

Complementary

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



BC4427



279FBC

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.



007BD1



BC4427



008380

Square

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



BC4427



317C0E



0082B2



8753BB

Rectangle

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



BC4427



806B00



0082B2



0072D6

Sweetspot

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



BC4427



F5C5BA



BC27A1



7A5E57



FAFAFA



7A7A7A

Same Dimension

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



BC4427



F53A0C



BC8D27



5E5755



9E1F00



1F0600

Inverse Universe

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



279FBC



0CC8F5



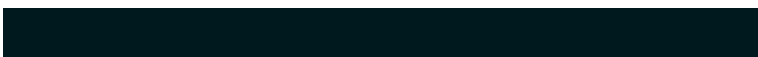
2756BC



555D5E



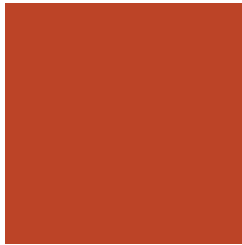
007F9E



00191F

Previews

White Background



This preview shows how the Hex color BC4427 looks on a white background.

Color Contrast Check

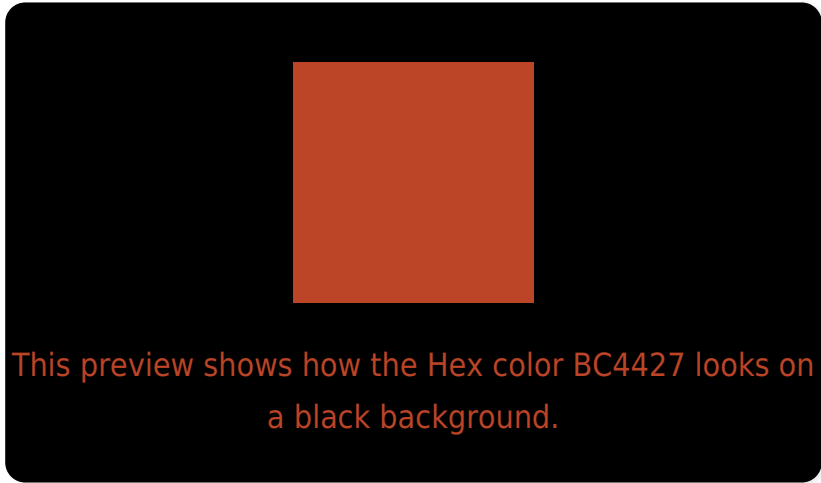
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC4427 Background



This preview shows how black text looks on a background with the Hex color BC4427.



This preview shows how white text looks on a background with the Hex color BC4427.

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
BC4427

Protanopia
796D33

Deuteranopia
89671D

Trichromacy



Original Color
BC4427

Protanomaly
915E2F

Deuteranomaly
9C5A21

Tritanomaly
BD4239

Monochromacy



Original Color
BC4427

Achromatopsia
656565

Achromatomaly
85594E

CSS Examples

Text

The CSS property to change the color of the text to Hex BC4427 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 #BC4427 looks like.

```
.text, #text, p{  
    color:#BC4427  
}
```

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 #BC4427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC4427
}
```

Border

The CSS property to change the border of an element to Hex BC4427 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
#BC4427 }
```

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

```
.border{ border-color:#BC4427 }
```

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

Here you see how a box with a 4 pixel #BC4427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC4427; -webkit-box-shadow:4px 4px  
4px 4px #BC4427; box-shadow:4px 4px 4px  
4px #BC4427 }
```

Background

The CSS property to change the background color of an element to Hex BC4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC4427 }
```

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

```
.background{ background-color:#BC4427 }
```

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