

Converting Colors

Hex(B83232)

Have a look what the booklet for
Hex(B83232) contains.

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Color

Hex(B83232)

Conversions

Conversions Part 1

Format	Color
Hex	B83232
RGB	184, 50, 50
RGB Percent	72%, 20%, 20%
CMY	0.2784, 0.8039, 0.8039
CMYK	0.00, 0.73, 0.73, 0.28
HSL	0°, 57%, 46%
HSV	0°, 73%, 72%
XYZ	21.4835, 12.7018, 4.3370
YIQ	90.0660, 79.8640, 28.4080

Conversions

Conversions Part 2

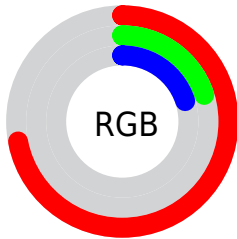
Format	Color
RYB	184, 50, 50
Decimal	12071474
CIELab	42.31, 53.24, 32.23
CIELCh	42, 62.233, 31.194
Yxy	12.7018, 0.5577, 0.3297
Android (android.graphics.Color)	4290261554 (0xFFB83232)
YUV	90.0660, -19.7525, 82.3801
Hunter-Lab	35.6396, 45.2300, 17.7327

Details

The Hex color **B83232** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **32B8B8**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F66A61**, and **7B0005** is the 20% darker color. If you saturate the color by 10%, you get **B82020**, and if you desaturate by 10%, it is **B84444**.

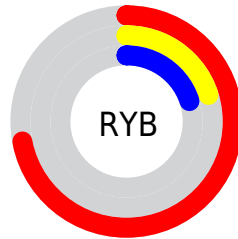
Distribution



Red (72%)

Green (20%)

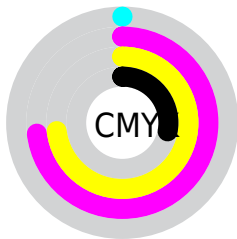
Blue (20%)



Red (72%)

Yellow (20%)

Blue (20%)

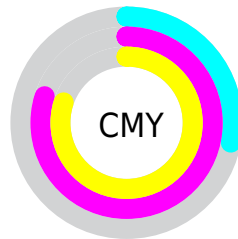


Cyan (0%)

Magenta (73%)

Yellow (73%)

Black (28%)



Cyan (28%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B83232 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 B83232 by changing the saturation by 10% instead.

 B83232

 B83232

FFFFFF

 990E1D

 F66A61

 7B0005

 FF857A

 5D0000

 FFA193

 410002

 FFBD4E

 220001

 FFDACA

 000000

 FFF8E6

 B83232

 B83232

 B82020

 B84444

 B80D0D

 B85757

 B80000

 B86969

 B87C7C

 B88E8E

 B8A0A0

 B8B3B3

 B8C5C5

 B8D8D8

Harmonies

Analogous

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



BB2364



B83232



9F4D00

Triad

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



B83232



00772E



006ACC

Complementary

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



B83232



32B8B8

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.



0075BE



B83232



007A65

Square

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



B83232



437000



007A98



6155BD

Rectangle

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



B83232



865C00



007A98



006FCA

Sweetspot

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



B83232



F0BBBB



B832B8



785959



F7F7F7



787878

Same Dimension

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



B83232



F01F1F



B87532



5C5353



9C0000



1C0000

Inverse Universe

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



32B8B8



1FF0F0



3275B8



535C5C



009C9C



001C1C

Previews

White Background



This preview shows how the Hex color B83232 looks on a white background.

Color Contrast Check

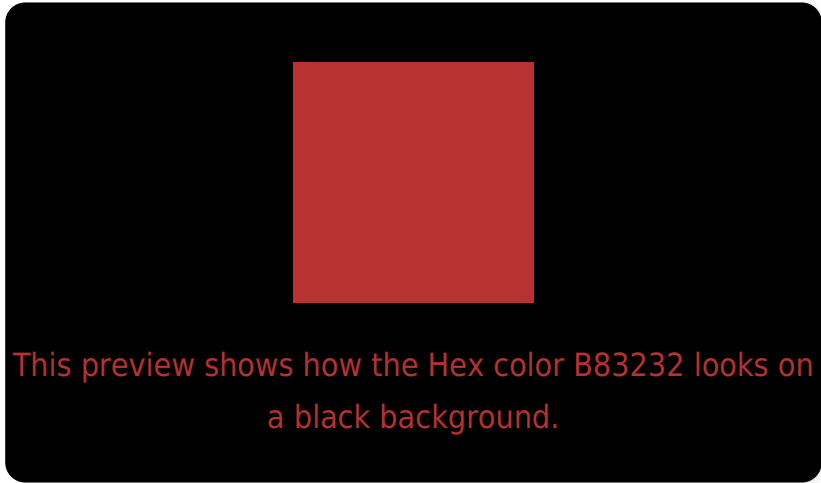
Large Text (above 18pt) WCAG AA ✓ Pass

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 B83232 Background



This preview shows how black text looks on a background with the Hex color B83232.

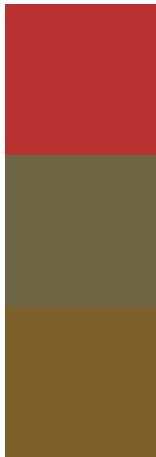


This preview shows how white text looks on a background with the Hex color B83232.

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
B83232

Protanopia
6D6543

Deuteranopia
7D602A

Trichromacy



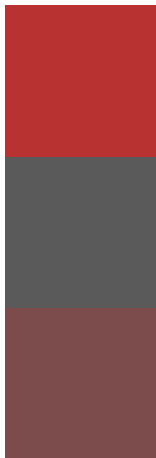
Original Color
B83232

Protanomaly
88523D

Deuteranomaly
924F2D

Tritanomaly
B83233

Monochromacy



Original Color
B83232

Achromatopsia
5A5A5A

Achromatomaly
7C4B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex B83232 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 #B83232 looks like.

```
.text, #text, p{  
    color:#B83232  
}
```

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 #B83232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83232
}
```

Border

The CSS property to change the border of an element to Hex B83232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

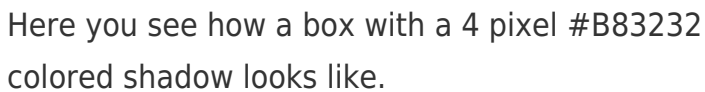
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B83232 }
```

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

```
.border{ border-color:#B83232 }
```

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



Here you see how a box with a 4 pixel #B83232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83232; -webkit-box-shadow:4px 4px  
4px 4px #B83232; box-shadow:4px 4px 4px  
4px #B83232 }
```

Background

The CSS property to change the background color of an element to Hex B83232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83232 }
```

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

```
.background{ background-color:#B83232 }
```

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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