

Converting Colors

Hex(B63232)

Have a look what the booklet for
Hex(B63232) contains.

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Color

Hex(B63232)

Conversions

Conversions Part 1

Format	Color
Hex	B63232
RGB	182, 50, 50
RGB Percent	71%, 20%, 20%
CMY	0.2863, 0.8039, 0.8039
CMYK	0.00, 0.73, 0.73, 0.29
HSL	0°, 57%, 45%
HSV	0°, 73%, 71%
XYZ	21.0077, 12.4566, 4.3147
YIQ	89.4680, 78.6720, 27.9840

Conversions

Conversions Part 2

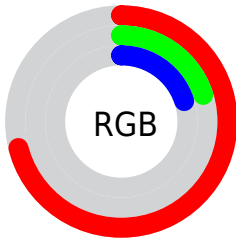
Format	Color
R _Y B	182, 50, 50
Decimal	11940402
CIE Lab	41.93, 52.60, 31.70
CIE LCh	42, 61.411, 31.075
Yxy	12.4566, 0.5561, 0.3297
Android (android.graphics.Color)	4290130482 (0xFFB63232)
YUV	89.4680, -19.4577, 81.1506
Hunter-Lab	35.2939, 44.4830, 17.4574

Details

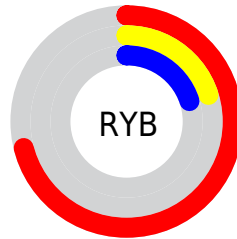
The Hex color **B63232** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **32B6B6**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F46A61**, and **790005** is the 20% darker color. If you saturate the color by 10%, you get **B62020**, and if you desaturate by 10%, it is **B64444**.

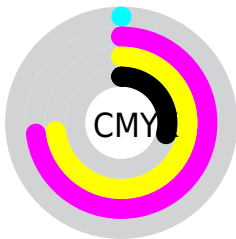
Distribution



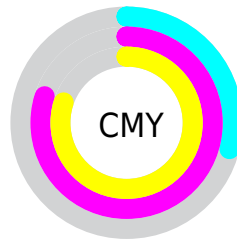
- Red (71%)
- Green (20%)
- Blue (20%)



- Red (71%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (73%)
- Yellow (73%)
- Black (29%)



- Cyan (29%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B63232 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 B63232 by changing the saturation by 10% instead.

 B63232

 B63232

FFFFFF

 970F1D

 F46A61

 790005

 FF857A

 5C0000

 FFA193

 400002

 FFBD4E

 200001

 FFDACA

 000000

 FFF7E6

 B63232

 B63232

 B62020

 B64444

 B60E0E


 B65656

 B60000

 B66969

 B67B7B

 B68D8D

 B69F9F

 B6B1B1

 B6C4C4

 B6D6D6

Harmonies

Analogous

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



B92463



B63232



9D4D00

Triad

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



B63232



00762E



0069C9

Complementary

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



B63232



32B6B6

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.



0074BC



B63232



007963

Square

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



B63232



436F00



007996



6054BB

Rectangle

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



B63232



855B00



007996



006EC8

Sweetspot

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



B63232



EDB9B9



B632B6



785959



F7F7F7



787878

Same Dimension

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



B63232



ED1F1F



B67432



5C5353



9C0000



1C0000

Inverse Universe

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



32B6B6



1FEDED



3274B6



535C5C



009C9C



001C1C

Previews

White Background



This preview shows how the Hex color B63232 looks on a white background.

Color Contrast Check

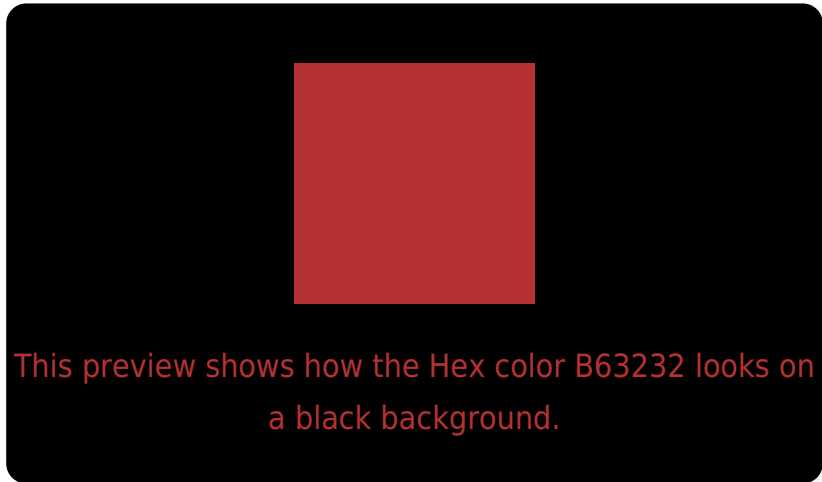
Large Text (above 18pt) WCAG AA ✓ Pass

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 B63232 Background



This preview shows how black text looks on a background with the Hex color B63232.

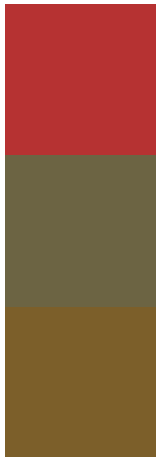


This preview shows how white text looks on a background with the Hex color B63232.

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
B63232

Protanopia
6C6443

Deuteranopia
7C5F2A

Trichromacy



Original Color
B63232

Protanomaly
87523D

Deuteranomaly
914F2D

Tritanomaly
B63233

Monochromacy



Original Color
B63232

Achromatopsia
595959

Achromatomaly
7B4B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex B63232 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 #B63232 looks like.

```
.text, #text, p{  
    color:#B63232  
}
```

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 #B63232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B63232
}
```

Border

The CSS property to change the border of an element to Hex B63232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

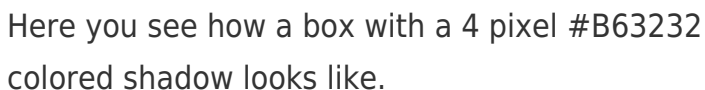
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B63232 }
```

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

```
.border{ border-color:#B63232 }
```

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



Here you see how a box with a 4 pixel #B63232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B63232; -webkit-box-shadow:4px 4px  
4px 4px #B63232; box-shadow:4px 4px 4px  
4px #B63232 }
```

Background

The CSS property to change the background color of an element to Hex B63232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B63232 }
```

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

```
.background{ background-color:#B63232 }
```

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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