

# Converting Colors

Hex(B63E34)

Have a look what the booklet for  
Hex(B63E34) contains.

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# Color

Hex(B63E34)

# Conversions

## Conversions Part 1

Format	Color
Hex	B63E34
RGB	182, 62, 52
RGB Percent	71%, 24%, 20%
CMY	0.2863, 0.7569, 0.7961
CMYK	0.00, 0.66, 0.71, 0.29
HSL	5°, 56%, 46%
HSV	5°, 71%, 71%
XYZ	21.6339, 13.6383, 4.7410
YIQ	96.7400, 74.7300, 22.3300

# Conversions

## Conversions Part 2

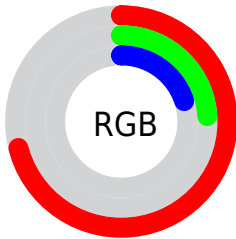
Format	Color
<a href="#">RYB</a>	<a href="#">182, 63, 52</a>
Decimal	<a href="#">11943476</a>
CIELab	<a href="#">43.71, 47.91, 32.59</a>
CIElCh	<a href="#">44, 57.944, 34.220</a>
Yxy	<a href="#">13.6383, 0.5407, 0.3408</a>
Android (android.graphics.Color)	<a href="#">4290133556 (0xFFB63E34)</a>
YUV	<a href="#">96.7400, -22.0568, 74.7730</a>
Hunter-Lab	<a href="#">36.9300, 39.9390, 18.2394</a>

# Details

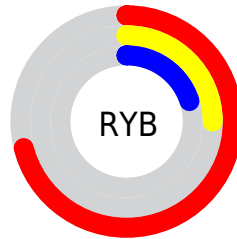
The Hex color **B63E34** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **34ACB6**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **F47463**, and **7A0008** is the 20% darker color. If you saturate the color by 10%, you get **B62D22**, and if you desaturate by 10%, it is **B64F46**.

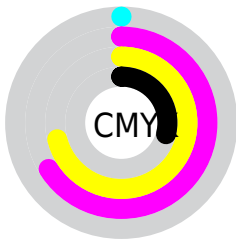
# Distribution



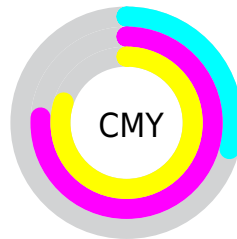
- Red (71%)
- Green (24%)
- Blue (20%)



- Red (71%)
- Yellow (25%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (71%)
- Black (29%)



- Cyan (29%)
- Magenta (76%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B63E34 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 B63E34 by changing the saturation by 10% instead.



 B63E34

 B63E34

FFFFFF

 98221E

 F47463

 7A0008

 FF8F7C

 5D0000

 FFAA96

 400001

 FFC6B1

 230001

 FFE3CC

 000000

 FFFF E9

 B63E34

 B63E34

 B62D22

 B64F46

 B61C10

 B66058

 B60E00

 B6706B

 B6817D

 B6928F

 B6A3A1

 B6B4B3

 B6C4C6

 B6D5D8

# Harmonies

## Analogous

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



BB3163



B63E34



9D5502

# Triad

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



B63E34



007A3B



006BC8

# Complementary

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



B63E34



34ACB6

# 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.



0077BE



B63E34



007D6D

# Square

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



B63E34



457403



007C9C



6F57B8

# Rectangle

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



B63E34



856200



007C9C



0070C8



# Sweetspot

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



B63E34



EDBFBB



B634AD



785C5A



F7F7F7



787878



# Same Dimension

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



B63E34



ED3121



B67E34



5C5353



9C0C00



1C0200



# Inverse Universe

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



34ACB6



21DDED



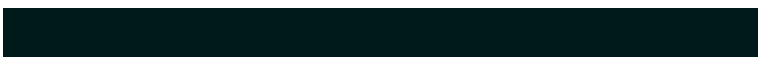
346CB6



535B5C



00909C

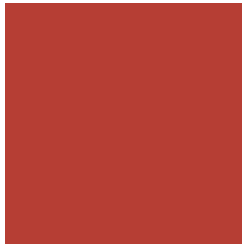


001A1C



# Previews

## White Background



This preview shows how the Hex color B63E34 looks on a white background.

## Color Contrast Check

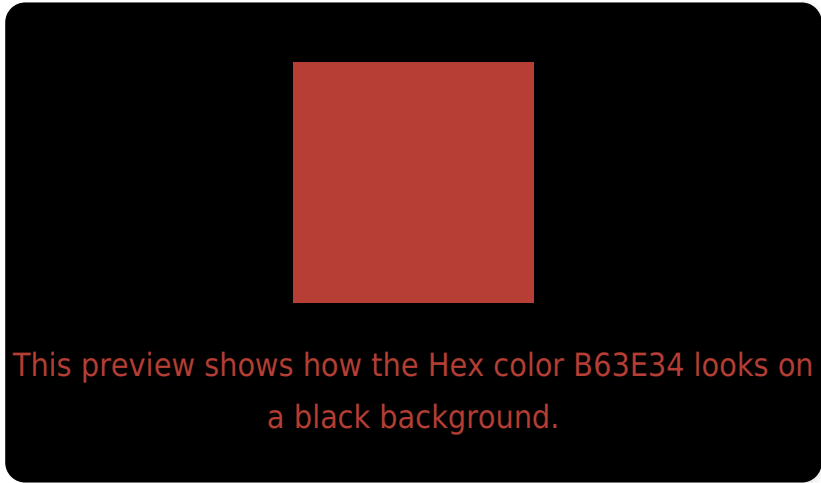
Large Text (above 18pt) WCAG AA ✓ Pass

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

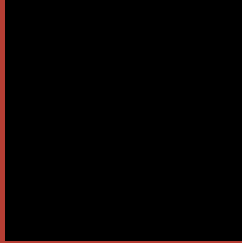
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B63E34 Background



This preview shows how black text looks on a background with the Hex color B63E34.



This preview shows how white text looks on a background with the Hex color B63E34.

# 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**  
B63E34

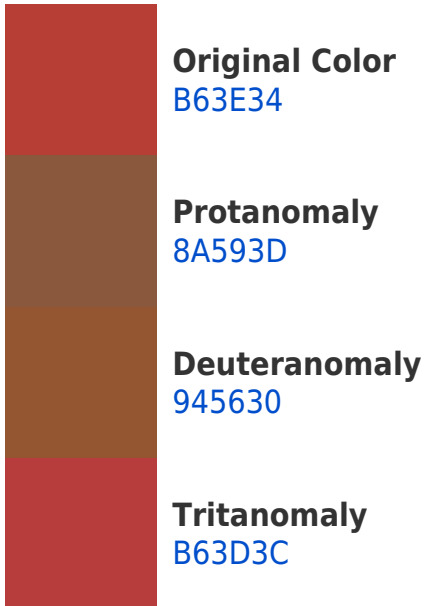
**Protanopia**  
716842

**Deuteranopia**  
81632D

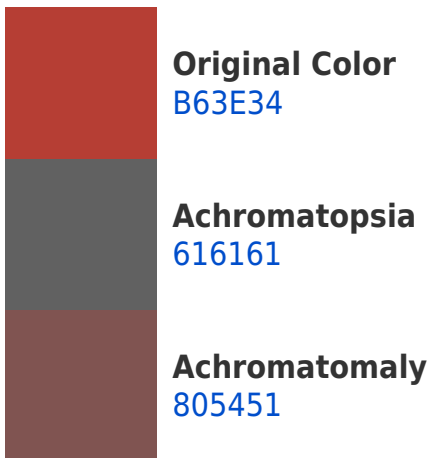


**Tritanopia**  
B63C40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B63E34 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 #B63E34 looks like.

```
.text, #text, p{  
    color:#B63E34  
}
```

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 #B63E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B63E34
}
```

## Border

The CSS property to change the border of an element to Hex B63E34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

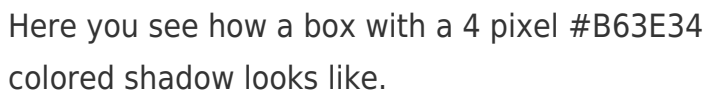
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B63E34 }
```

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

```
.border{ border-color:#B63E34 }
```

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



Here you see how a box with a 4 pixel #B63E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B63E34; -webkit-box-shadow:4px 4px  
4px 4px #B63E34; box-shadow:4px 4px 4px  
4px #B63E34 }
```

# Background

The CSS property to change the background color of an element to Hex B63E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B63E34 }
```

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

```
.background{ background-color:#B63E34 }
```

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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