

# Converting Colors

Hex(B62B34)

Have a look what the booklet for  
Hex(B62B34) contains.

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# Color

Hex(B62B34)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B62B34
RGB	182, 43, 52
RGB Percent	71%, 17%, 20%
CMY	0.2863, 0.8314, 0.7961
CMYK	0.00, 0.76, 0.71, 0.29
HSL	356°, 62%, 44%
HSV	356°, 76%, 71%
XYZ	20.7751, 11.9208, 4.4548
YIQ	85.5870, 79.9550, 32.2670

# Conversions

## Conversions Part 2

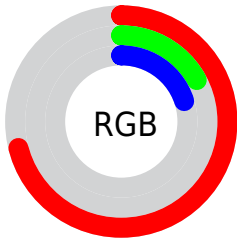
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 43, 52
Decimal	11938612
CIE Lab	41.09, 55.11, 29.52
CIE LCh	41, 62.517, 28.172
Yxy	11.9208, 0.5592, 0.3209
Android (android.graphics.Color)	4290128692 (0xFFB62B34)
YUV	85.5870, -16.5584, 84.5542
Hunter-Lab	34.5265, 46.9849, 16.5186

# Details

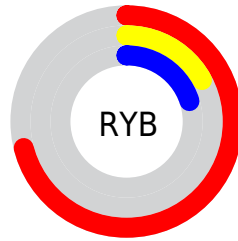
The Hex color **B62B34** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2BB6AD**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **F46463**, and **790009** is the 20% darker color. If you saturate the color by 10%, you get **B61923**, and if you desaturate by 10%, it is **B63D45**.

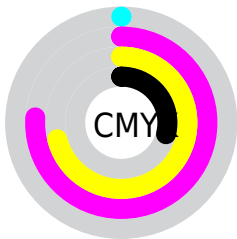
# Distribution



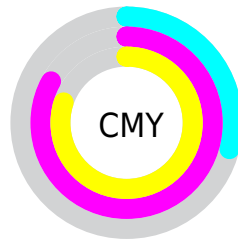
- Red (71%)
- Green (17%)
- Blue (20%)



- Red (71%)
- Yellow (17%)
- Blue (20%)



- Cyan (0%)
- Magenta (76%)
- Yellow (71%)
- Black (29%)



- Cyan (29%)
- Magenta (83%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B62B34 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 B62B34 by changing the saturation by 10% instead.



 B62B34

 B62B34

FFFFFF

 97001F

 F46463

 790009

 FF807C

 5B0000

 FF9C95

 400002

 FFB8B0

 1E0001

 FFD5CC

 000000

 FFF2E8

 B62B34

 B62B34

 B61923

 B63D45

 B60712

 B64F56

 B6000C

 B66267

 B67478

 B68689

 B6989A

 B6AAAB

 B6BDBC

 B6CFCD

# Harmonies

## Analogous

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



B71E66



B62B34



9F4800

# Triad

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



B62B34



007326



0069C9

# Complementary

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



B62B34



2BB6AD

# 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.



0073B8



B62B34



00775C

# Square

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



B62B34



466C00



007790



5355BC

# Rectangle

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



B62B34



875700



007790



006DC6



# Sweetspot

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



B62B34



EDB7BA



AD2BB6



785658



F7F7F7



787878



# Same Dimension

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



B62B34



ED1321



B6672B



5C5353



9C000A



1C0002



# Inverse Universe

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



B62B34



ED1321



2B7AB6



5C5353



9C000A



1C0002



# Previews

## White Background



This preview shows how the Hex color B62B34 looks on a white background.

## Color Contrast Check

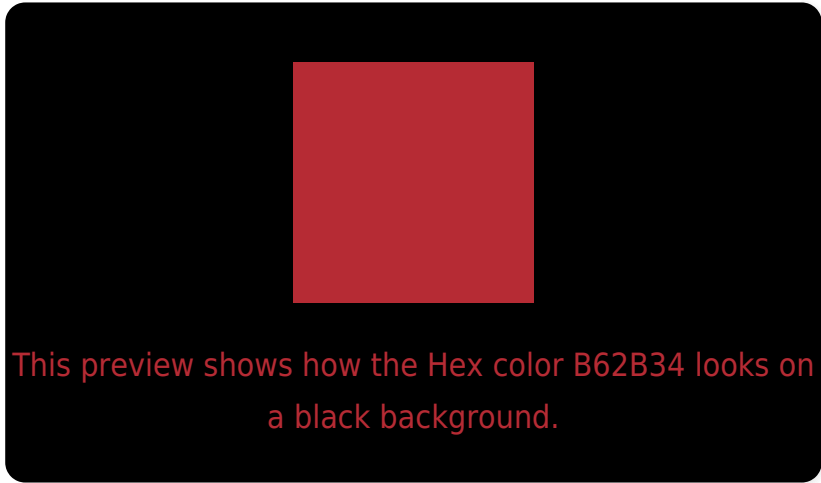
Large Text (above 18pt) WCAG AA ✓ Pass

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 B62B34 Background



This preview shows how black text looks on a background with the Hex color B62B34.

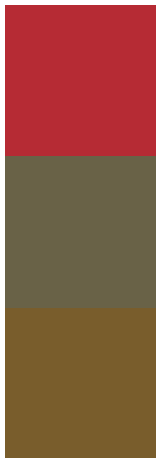


This preview shows how white text looks on a background with the Hex color B62B34.

# 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



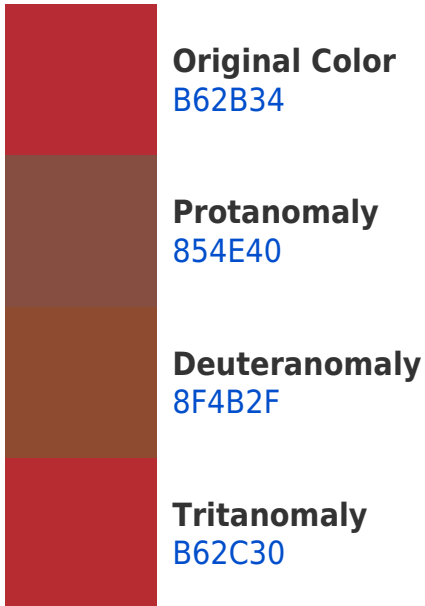
**Original Color**  
B62B34

**Protanopia**  
696247

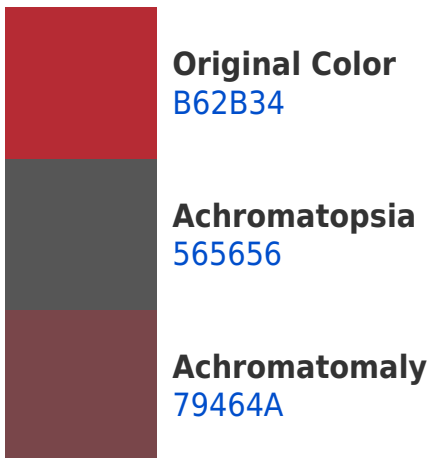
**Deuteranopia**  
795D2C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B62B34 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 #B62B34 looks like.

```
.text, #text, p{  
    color:#B62B34  
}
```

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 #B62B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62B34
}
```

## Border

The CSS property to change the border of an element to Hex B62B34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

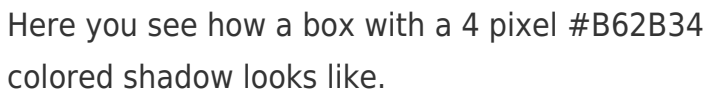
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B62B34 }
```

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

```
.border{ border-color:#B62B34 }
```

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



Here you see how a box with a 4 pixel #B62B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62B34; -webkit-box-shadow:4px 4px  
4px 4px #B62B34; box-shadow:4px 4px 4px  
4px #B62B34 }
```

# Background

The CSS property to change the background color of an element to Hex B62B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62B34 }
```

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

```
.background{ background-color:#B62B34 }
```

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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