

# Converting Colors

Hex(B62A24)

Have a look what the booklet for  
Hex(B62A24) contains.

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# Color

Hex(B62A24)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B62A24
RGB	182, 42, 36
RGB Percent	71%, 16%, 14%
CMY	0.2863, 0.8353, 0.8588
CMYK	0.00, 0.77, 0.80, 0.29
HSL	2°, 67%, 43%
HSV	2°, 80%, 71%
XYZ	20.4378, 11.7284, 2.8557
YIQ	83.1760, 85.3660, 27.8140

# Conversions

## Conversions Part 2

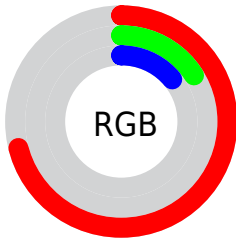
Format	Color
<a href="#">RYB</a>	182, 42, 36
Decimal	11938340
CIELab	40.78, 54.80, 38.48
CIElCh	41, 66.962, 35.072
Yxy	11.7284, 0.5836, 0.3349
Android (android.graphics.Color)	4290128420 (0xFFB62A24)
YUV	83.1760, -23.2578, 86.6686
Hunter-Lab	34.2467, 46.5937, 19.0288

# Details

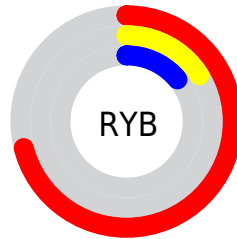
The Hex color **B62A24** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **24B0B6**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F56352**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B61912**, and if you desaturate by 10%, it is **B63B36**.

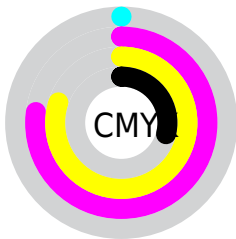
# Distribution



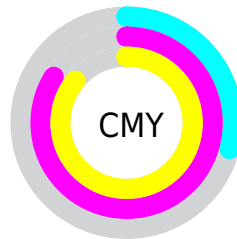
- Red (71%)
- Green (16%)
- Blue (14%)



- Red (71%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (77%)
- Yellow (80%)
- Black (29%)



- Cyan (29%)
- Magenta (84%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B62A24 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 B62A24 by changing the saturation by 10% instead.



 B62A24

 B62A24

FFFFFF

 97000E

 F56352

 790000

 FF7F6A

 5A0000

 FF9B84

 3F0002

 FFB79E

 1C0001

 FFD4B9

 000000

 FFF1D5

 FFFFF2

 B62A24

 B62A24

 B61912

 B63B36


 B60700

 B64D48

 B65E5B

 B6706D

 B6817F

 B69391

 B6A4A3

 B6B6B6

 B6C7C8

# Harmonies

## Analogous

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



BD0659



B62A24



994B00

# Triad

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



B62A24



00742E



0065CF

# Complementary

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



B62A24



24B0B6

# 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.



0072C4



B62A24



007768

# Square

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



B62A24



316E00



00779E



684CBB

# Rectangle

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



B62A24



7D5B00



00779E



006ACF



# Sweetspot

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



B62A24



EDB7B4



B624B1



785755



F7F7F7



787878



# Same Dimension

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



B62A24



ED1309



B67224



5C5353



9C0600



1C0100



# Inverse Universe

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



24B0B6



09E4ED



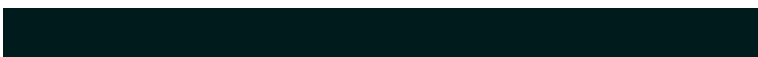
2468B6



535B5C



00959C



001B1C



# Previews

## White Background



This preview shows how the Hex color B62A24 looks on a white background.

## Color Contrast Check

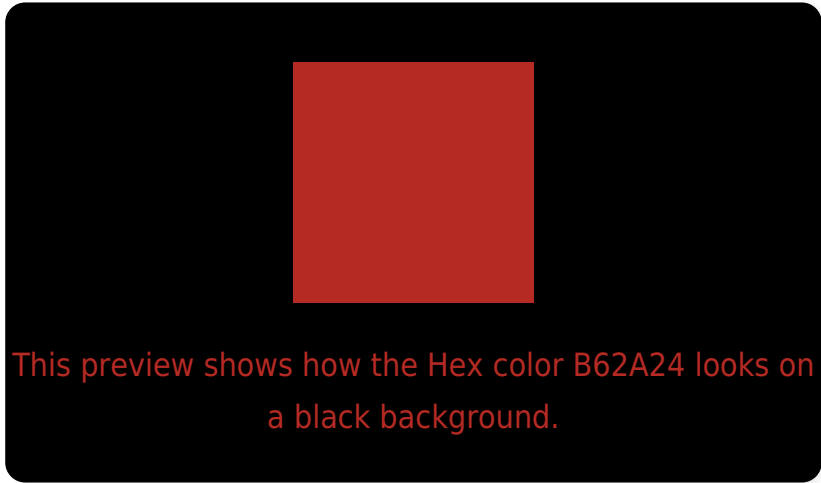
Large Text (above 18pt) WCAG AA ✓ Pass

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 B62A24 Background



This preview shows how black text looks on a background with the Hex color B62A24.



This preview shows how white text looks on a background with the Hex color B62A24.

# 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



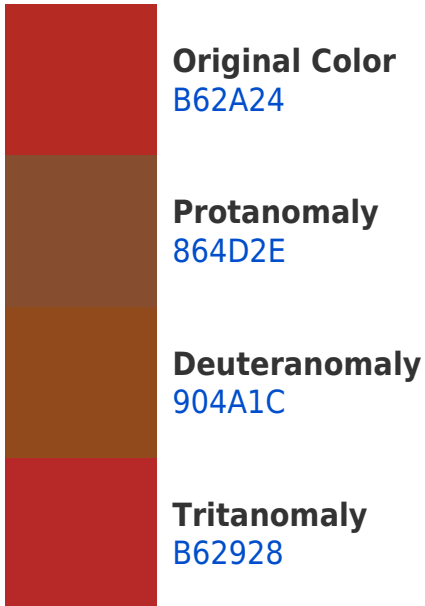
**Original Color**  
B62A24

**Protanopia**  
6B6133

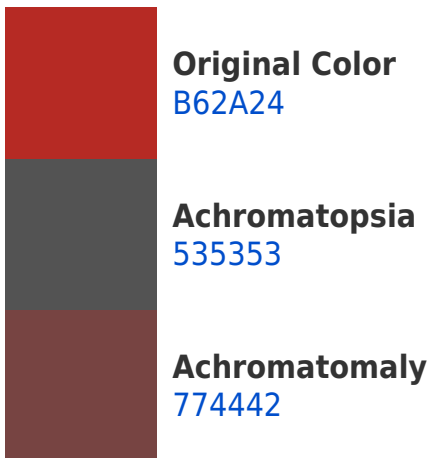
**Deuteranopia**  
7A5C18



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B62A24 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 #B62A24 looks like.

```
.text, #text, p{  
    color:#B62A24  
}
```

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 #B62A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62A24
}
```

## Border

The CSS property to change the border of an element to Hex B62A24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

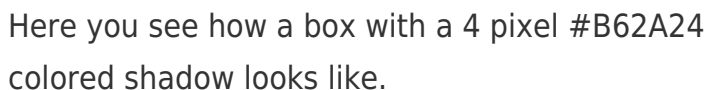
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B62A24 }
```

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

```
.border{ border-color:#B62A24 }
```

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



Here you see how a box with a 4 pixel #B62A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62A24; -webkit-box-shadow:4px 4px  
4px 4px #B62A24; box-shadow:4px 4px 4px  
4px #B62A24 }
```

# Background

The CSS property to change the background color of an element to Hex B62A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62A24 }
```

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

```
.background{ background-color:#B62A24 }
```

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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