

# Converting Colors

Hex(B62D42)

Have a look what the booklet for  
Hex(B62D42) contains.

<b>Hex(B62D42)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B62D42)

# Conversions

## Conversions Part 1

Format	Color
Hex	B62D42
RGB	182, 45, 66
RGB Percent	71%, 18%, 26%
CMY	0.2863, 0.8235, 0.7412
CMYK	0.00, 0.75, 0.64, 0.29
HSL	351°, 60%, 45%
HSV	351°, 75%, 71%
XYZ	21.2132, 12.2152, 6.3940
YIQ	88.3570, 74.9110, 35.5750

# Conversions

## Conversions Part 2

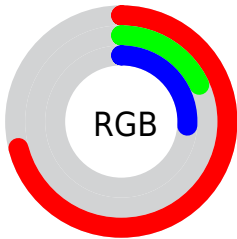
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">182, 45, 66</a>
Decimal	<a href="#">11939138</a>
CIELab	<a href="#">41.56, 55.20, 21.50</a>
CIElCh	<a href="#">42, 59.242, 21.276</a>
Yxy	<a href="#">12.2152, 0.5327, 0.3067</a>
Android (android.graphics.Color)	<a href="#">4290129218</a> ( <a href="#">0xFFB62D42</a> )
YUV	<a href="#">88.3570, -11.0220, 82.1249</a>
Hunter-Lab	<a href="#">34.9503, 47.1781, 13.6184</a>

# Details

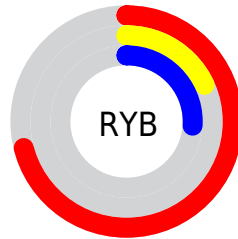
The Hex color **B62D42** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2DB6A1**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F46672**, and **7A0018** is the 20% darker color. If you saturate the color by 10%, you get **B61B33**, and if you desaturate by 10%, it is **B63F51**.

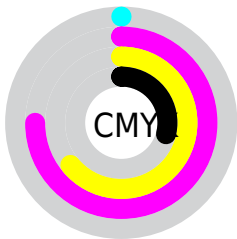
# Distribution



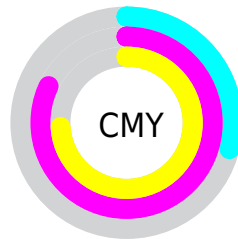
- Red (71%)
- Green (18%)
- Blue (26%)



- Red (71%)
- Yellow (18%)
- Blue (26%)



- Cyan (0%)
- Magenta (75%)
- Yellow (64%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B62D42 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 B62D42 by changing the saturation by 10% instead.



 B62D42

 B62D42

FFFFFF

 98022C

 F46672

 7A0018

 FF828B

 5D0000

 FF9EA5

 410002

 FFBAC1

 210001

 FFD7DC

 000000

 FFF4F9

 B62D42

 B62D42

 B61B33

 B63F51

 B60923

 B65161

 B6001C

 B66470

 B67680

 B6888F

 B69A9E

 B6ACAE

 B6BFBD

 B6D1CD

# Harmonies

## Analogous

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



B02B72



B62D42



A44513

# Triad

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



B62D42



00731E



006CC3

# Complementary

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



B62D42



2DB6A1

# 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.



0075AE



B62D42



007752

# Square

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



B62D42



566A00



007884



3C5BBE

# Rectangle

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



B62D42



8F5400



007884



0070BF



# Sweetspot

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



B62D42



EDB7BF



9F2DB6



78565B



F7F7F7



787878



# Same Dimension

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



B62D42



ED1838



B65B2D



5C5354



9C0018



1C0004



# Inverse Universe

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



B62D42



ED1838



2D88B6



5C5354



9C0018



1C0004



# Previews

## White Background



This preview shows how the Hex color B62D42 looks on a white background.

## Color Contrast Check

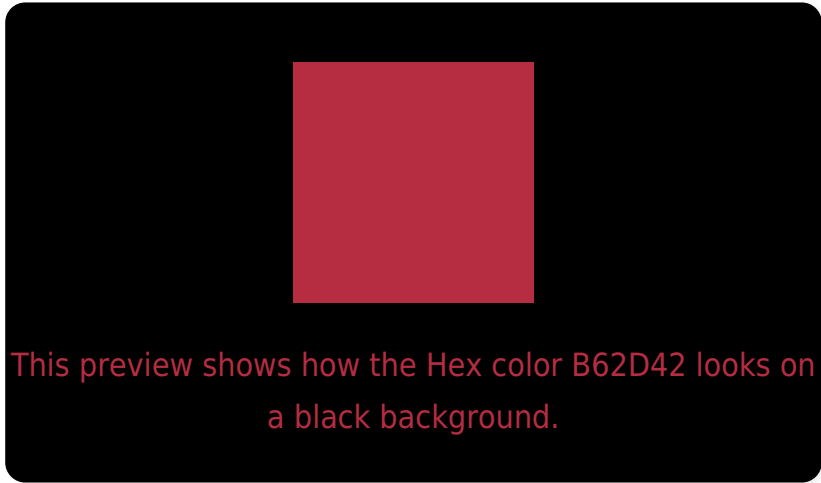
Large Text (above 18pt) WCAG AA ✓ Pass

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 B62D42 Background



This preview shows how black text looks on a background with the Hex color B62D42.

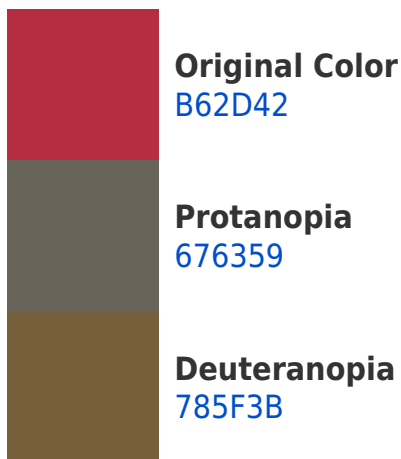


This preview shows how white text looks on a background with the Hex color B62D42.

# Color Blindness Simulation

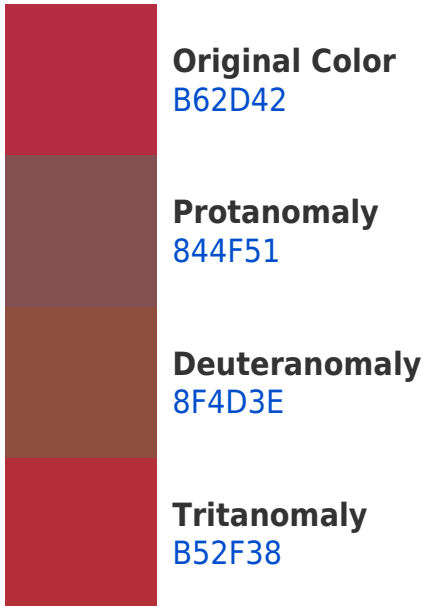
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

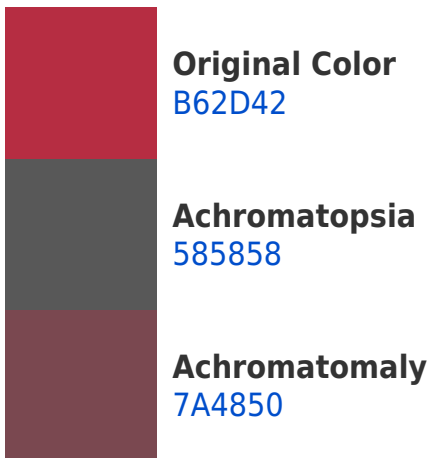




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B62D42 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 #B62D42 looks like.

```
.text, #text, p{  
    color:#B62D42  
}
```

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 #B62D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62D42
}
```

## Border

The CSS property to change the border of an element to Hex B62D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

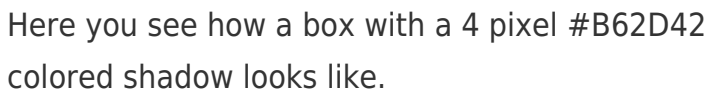
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B62D42 }
```

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

```
.border{ border-color:#B62D42 }
```

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



Here you see how a box with a 4 pixel #B62D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62D42; -webkit-box-shadow:4px 4px  
4px 4px #B62D42; box-shadow:4px 4px 4px  
4px #B62D42 }
```

# Background

The CSS property to change the background color of an element to Hex B62D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62D42 }
```

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

```
.background{ background-color:#B62D42 }
```

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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