

# Converting Colors

Hex(B62D3E)

Have a look what the booklet for  
Hex(B62D3E) contains.

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# Color

Hex(B62D3E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B62D3E
RGB	182, 45, 62
RGB Percent	71%, 18%, 24%
CMY	0.2863, 0.8235, 0.7569
CMYK	0.00, 0.75, 0.66, 0.29
HSL	353°, 60%, 45%
HSV	353°, 75%, 71%
XYZ	21.0993, 12.1697, 5.7943
YIQ	87.9010, 76.1950, 34.3310

# Conversions

## Conversions Part 2

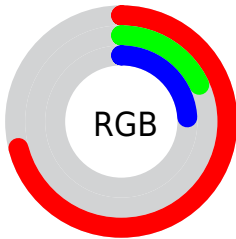
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 45, 62
Decimal	11939134
CIELab	41.48, 54.97, 23.88
CIELCh	41, 59.933, 23.484
Yxy	12.1697, 0.5401, 0.3115
Android (android.graphics.Color)	4290129214 (0xFFB62D3E)
YUV	87.9010, -12.7692, 82.5248
Hunter-Lab	34.8850, 46.9122, 14.5715

# Details

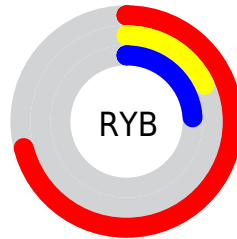
The Hex color **B62D3E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2DB6A5**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F4666D**, and **7A0014** is the 20% darker color. If you saturate the color by 10%, you get **B61B2E**, and if you desaturate by 10%, it is **B63F4E**.

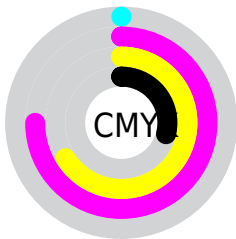
# Distribution



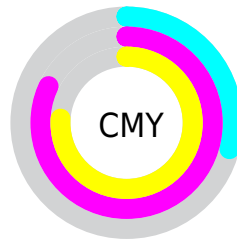
- Red (71%)
- Green (18%)
- Blue (24%)



- Red (71%)
- Yellow (18%)
- Blue (24%)



- Cyan (0%)
- Magenta (75%)
- Yellow (66%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (76%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B62D3E 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 B62D3E by changing the saturation by 10% instead.



 B62D3E

 B62D3E

FFFFFF

 980328

 F4666D

 7A0014

 FF8287

 5C0000

 FF9EA1

 400002

 FFBABC

 200001

 FFD7D8

 000000

 FFF4F4

 B62D3E

 B62D3E

 B61B2E

 B63F4E

 B6091E

 B6515E

 B60017

 B6646E

 B6767E

 B6888E

 B69A9E

 B6ACAE

 B6BFBE

 B6D1CD

# Harmonies

## Analogous

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



B2286F



B62D3E



A3460C

# Triad

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



B62D3E



007321



006BC5

# Complementary

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



B62D3E



2DB6A5

# 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.



0074B1



B62D3E



007755

# Square

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



B62D3E



526B00



007788



455ABD

# Rectangle

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



B62D3E



8D5500



007788



006FC1



# Sweetspot

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



B62D3E



EDB7BD



A42DB6



78565A



F7F7F7



787878



# Same Dimension

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



B62D3E



ED1832



B65F2D



5C5354



9C0013



1C0003



# Inverse Universe

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



B62D3E



ED1832



2D84B6



5C5354



9C0013



1C0003



# Previews

## White Background



This preview shows how the Hex color B62D3E looks on a white background.

## Color Contrast Check

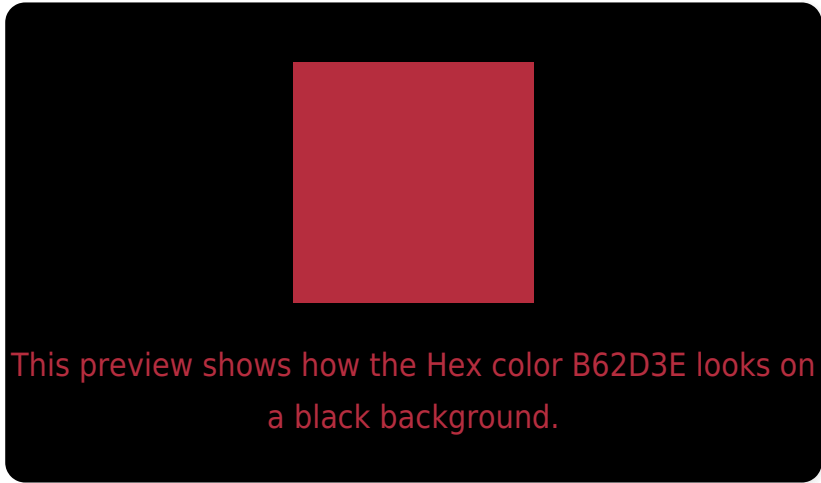
Large Text (above 18pt) WCAG AA ✓ Pass

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 B62D3E Background



This preview shows how black text looks on a background with the Hex color B62D3E.



This preview shows how white text looks on a background with the Hex color B62D3E.

# 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**  
B62D3E

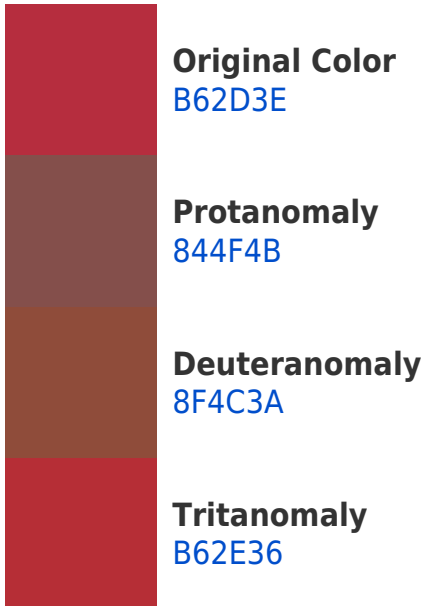
**Protanopia**  
686353

**Deuteranopia**  
795E37

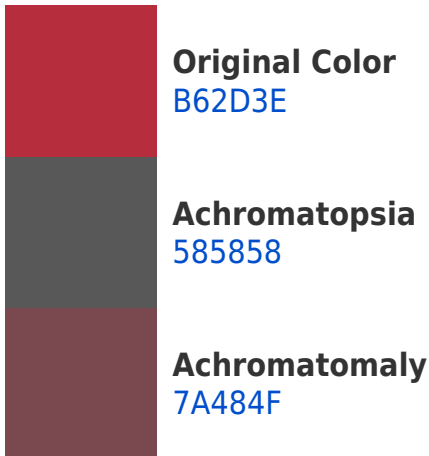


**Tritanopia**  
B62F31

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B62D3E 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 #B62D3E looks like.

```
.text, #text, p{  
    color:#B62D3E  
}
```

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 #B62D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62D3E
}
```

## Border

The CSS property to change the border of an element to Hex B62D3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

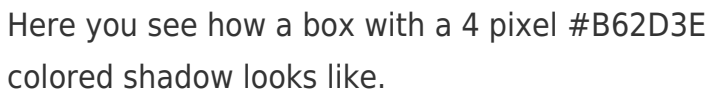
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B62D3E }
```

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

```
.border{ border-color:#B62D3E }
```

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



Here you see how a box with a 4 pixel #B62D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62D3E; -webkit-box-shadow:4px 4px  
4px 4px #B62D3E; box-shadow:4px 4px 4px  
4px #B62D3E }
```

# Background

The CSS property to change the background color of an element to Hex B62D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62D3E }
```

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

```
.background{ background-color:#B62D3E }
```

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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