

# Converting Colors

Hex(B62E29)

Have a look what the booklet for  
Hex(B62E29) contains.

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# Color

Hex(B62E29)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B62E29
RGB	182, 46, 41
RGB Percent	71%, 18%, 16%
CMY	0.2863, 0.8196, 0.8392
CMYK	0.00, 0.75, 0.77, 0.29
HSL	2°, 63%, 44%
HSV	2°, 77%, 71%
XYZ	20.6686, 12.0592, 3.3361
YIQ	86.0940, 82.6610, 27.2770

# Conversions

## Conversions Part 2

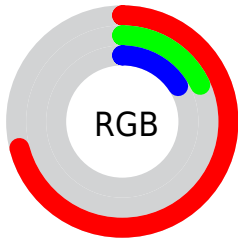
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 46, 41
Decimal	11939369
CIE Lab	41.31, 53.65, 36.23
CIE LCh	41, 64.734, 34.031
Yxy	12.0592, 0.5731, 0.3344
Android (android.graphics.Color)	4290129449 (0xFFB62E29)
YUV	86.0940, -22.2313, 84.1096
Hunter-Lab	34.7263, 45.4698, 18.6125

# Details

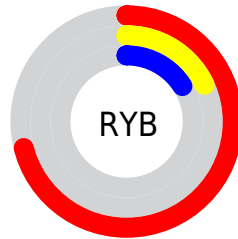
The Hex color **B62E29** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29B1B6**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **F56657**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B61C17**, and if you desaturate by 10%, it is **B6403B**.

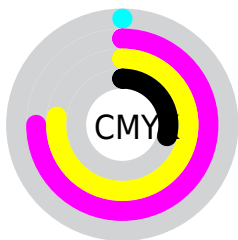
# Distribution



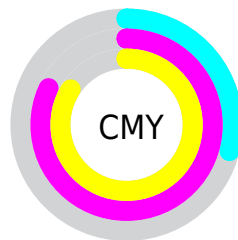
- Red (71%)
- Green (18%)
- Blue (16%)



- Red (71%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (75%)
- Yellow (77%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B62E29 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 B62E29 by changing the saturation by 10% instead.



 B62E29

 B62E29

FFFFFF

 970614

 F56657

 790000

 FF8270

 5B0000

 FF9E89

 3F0002

 FFBA44

 1E0001

 FFD7BF

 000000

 FFF4DB

 FFFFF8

 B62E29

 B62E29

 B61C17

 B6403B

 B60B05

 B6514D

 B60600

 B66360

 B67472

 B68684

 B69796

 B6A9A8

 B6BABB

 B6CCCD

# Harmonies

## Analogous

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



BC165D



B62E29



9A4C00

# Triad

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



B62E29



00752F



0066CD

# Complementary

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



B62E29



29B1B6

# 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.



0073C2



B62E29



007867

# Square

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



B62E29



386F00



00789C



664FBB

# Rectangle

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



B62E29



805C00



00789C



006CCC



# Sweetspot

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



B62E29



EDB9B7



B629B1



785756



F7F7F7



787878



# Same Dimension

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



B62E29



ED1811



B67429



5C5353



9C0600



1C0100



# Inverse Universe

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



29B1B6



11E5ED



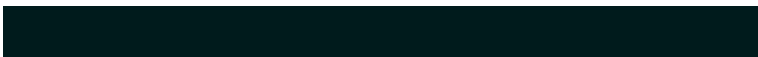
296BB6



535B5C



00969C



001B1C



# Previews

## White Background



This preview shows how the Hex color B62E29 looks on a white background.

## Color Contrast Check

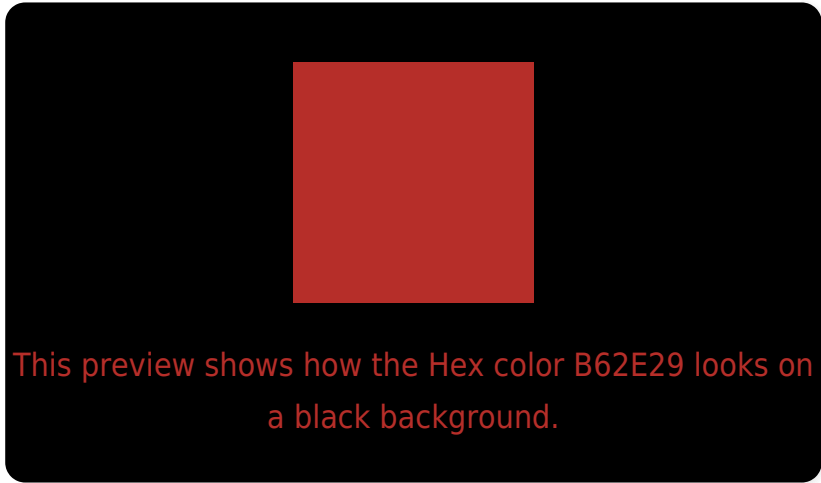
Large Text (above 18pt) WCAG AA ✓ Pass

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 B62E29 Background



This preview shows how black text looks on a background with the Hex color B62E29.



This preview shows how white text looks on a background with the Hex color B62E29.

# 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



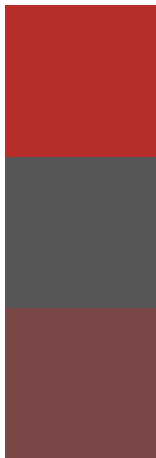
**Original Color**  
B62E29

**Protanomaly**  
875033

**Deuteranomaly**  
904C23

**Tritanomaly**  
B62D2D

# Monochromacy



**Original Color**  
B62E29

**Achromatopsia**  
565656

**Achromatomaly**  
794746

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B62E29 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 #B62E29 looks like.

```
.text, #text, p{  
    color:#B62E29  
}
```

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 #B62E29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62E29
}
```

## Border

The CSS property to change the border of an element to Hex B62E29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

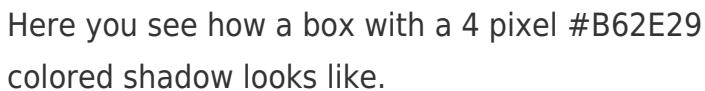
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B62E29 }
```

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

```
.border{ border-color:#B62E29 }
```

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



Here you see how a box with a 4 pixel #B62E29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62E29; -webkit-box-shadow:4px 4px  
4px 4px #B62E29; box-shadow:4px 4px 4px  
4px #B62E29 }
```

# Background

The CSS property to change the background color of an element to Hex B62E29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62E29 }
```

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

```
.background{ background-color:#B62E29 }
```

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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