

# Converting Colors

Hex(B42730)

Have a look what the booklet for  
Hex(B42730) contains.

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**Color**

**Hex(B42730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B42730
RGB	180, 39, 48
RGB Percent	71%, 15%, 19%
CMY	0.2941, 0.8471, 0.8118
CMYK	0.00, 0.78, 0.73, 0.29
HSL	356°, 64%, 43%
HSV	356°, 78%, 71%
XYZ	20.0814, 11.3677, 3.9321
YIQ	82.1850, 81.1470, 32.6910

# Conversions

## Conversions Part 2

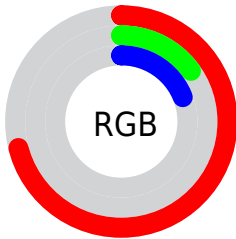
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 39, 48
Decimal	11806512
CIE <sub>Lab</sub>	40.19, 55.59, 30.78
CIE <sub>LCh</sub>	40, 63.538, 28.972
Yxy	11.3677, 0.5676, 0.3213
Android (android.graphics.Color)	4289996592 (0xFFB42730)
YUV	82.1850, -16.8532, 85.7838
Hunter-Lab	33.7161, 47.3121, 16.6866

# Details

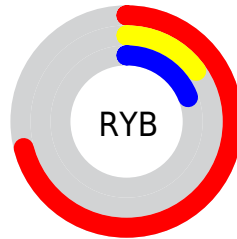
The Hex color **B42730** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **27B4AB**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F2615E**, and **770003** is the 20% darker color. If you saturate the color by 10%, you get **B4151F**, and if you desaturate by 10%, it is **B43941**.

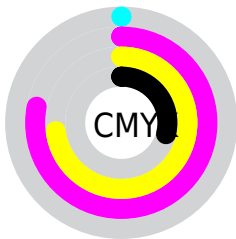
# Distribution



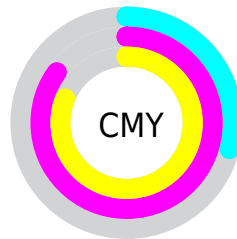
- Red (71%)
- Green (15%)
- Blue (19%)



- Red (71%)
- Yellow (15%)
- Blue (19%)



- Cyan (0%)
- Magenta (78%)
- Yellow (73%)
- Black (29%)



- Cyan (29%)
- Magenta (85%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B42730 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 B42730 by changing the saturation by 10% instead.



 B42730

 B42730

FFFFFF

 95001B

 F2615E

 770003

 FF7D77

 590000

 FF9991

 3E0003

 FFB5AB

 1A0001

 FFD2C7

 000000

 FFEFE3

 B42730

 B42730

 B4151F

 B43941

 B4030E

 B44B52

 B4000B

 B45D63

 B46F73

 B48184

 B49395

 B4A5A6

 B4B7B7

 B4C9C8

# Harmonies

## Analogous

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



B61663



B42730



9C4600

# Triad

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



B42730



007124



0066C8

# Complementary

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



B42730



27B4AB

# 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.



0071B8



B42730



00745B

# Square

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



B42730



416A00



007590



5352BB

# Rectangle

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



B42730



835600



007590



006BC6



# Sweetspot

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



B42730



EBB2B6



AB27B4



755355



F5F5F5



757575



# Same Dimension

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



B42730



EB0E1C



B46427



595051



99000A



1A0002



# Inverse Universe

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



B42730



EB0E1C



2777B4



595051



99000A



1A0002



# Previews

## White Background



This preview shows how the Hex color B42730 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 B42730 Background



This preview shows how black text looks on a background with the Hex color B42730.

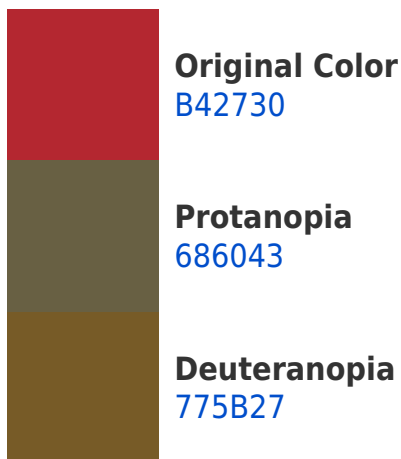


This preview shows how white text looks on a background with the Hex color B42730.

# 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



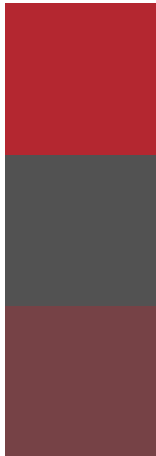
**Original Color**  
B42730

**Protanomaly**  
844B3C

**Deuteranomaly**  
8D482A

**Tritanomaly**  
B4282C

# Monochromacy



**Original Color**  
B42730

**Achromatopsia**  
525252

**Achromatomaly**  
764246

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B42730 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 #B42730 looks like.

```
.text, #text, p{  
  color:#B42730  
}
```

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 #B42730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B42730
}
```

## Border

The CSS property to change the border of an element to Hex B42730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

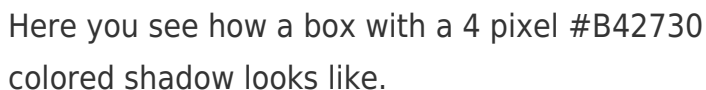
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B42730 }
```

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

```
.border{ border-color:#B42730 }
```

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



Here you see how a box with a 4 pixel #B42730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B42730; -webkit-box-shadow:4px 4px  
4px 4px #B42730; box-shadow:4px 4px 4px  
4px #B42730 }
```

# Background

The CSS property to change the background color of an element to Hex B42730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B42730 }
```

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

```
.background{ background-color:#B42730 }
```

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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