

# Converting Colors

Hex(BB2730)

Have a look what the booklet for  
Hex(BB2730) contains.

<b>Hex(BB2730)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BB2730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB2730
RGB	187, 39, 48
RGB Percent	73%, 15%, 19%
CMY	0.2667, 0.8471, 0.8118
CMYK	0.00, 0.79, 0.74, 0.27
HSL	356°, 65%, 44%
HSV	356°, 79%, 73%
XYZ	21.7525, 12.2292, 4.0103
YIQ	84.2780, 85.3190, 34.1750

# Conversions

## Conversions Part 2

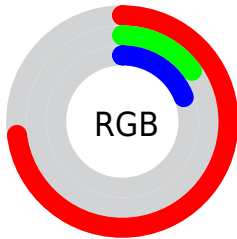
Format	Color
<a href="#">RYB</a>	187, 39, 48
Decimal	12265264
CIELab	41.58, 57.66, 32.73
CIELCh	42, 66.300, 29.582
Yxy	12.2292, 0.5726, 0.3219
Android (android.graphics.Color)	4290455344 (0xFFBB2730)
YUV	84.2780, -17.8851, 90.0872
Hunter-Lab	34.9703, 49.8340, 17.6800

# Details

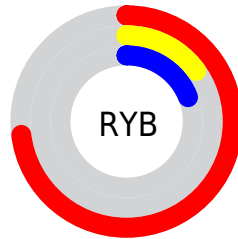
The Hex color **BB2730** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **27BBB2**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FA625E**, and **7E0003** is the 20% darker color. If you saturate the color by 10%, you get **BB141E**, and if you desaturate by 10%, it is **BB3A42**.

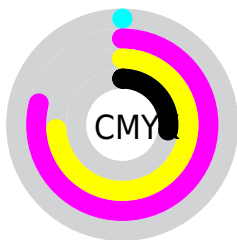
# Distribution



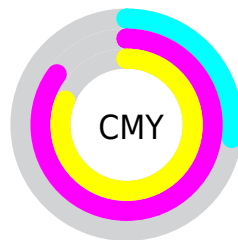
- Red (73%)
- Green (15%)
- Blue (19%)



- Red (73%)
- Yellow (15%)
- Blue (19%)



- Cyan (0%)
- Magenta (79%)
- Yellow (74%)
- Black (27%)



- Cyan (27%)
- Magenta (85%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB2730 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 BB2730 by changing the saturation by 10% instead.



 BB2730

 BB2730

FFFFFF

 9C001B

 FA625E

 7E0003

 FF7E77

 5F0000

 FF9A91

 430002

 FFB7AC

 230001

 FFD4C7

 000000

 FFF1E3

 BB2730

 BB2730

 BB141E

 BB3A42

 BB020D

 BB4C53

 BB000B

 BB5F65

 BB7276

 BB8588

 BB9799

 BBAAAB

 BBBDBD

 BBCFCE

# Harmonies

## Analogous

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



BD1265



BB2730



A14800

# Triad

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



BB2730



007625



006AD1

# Complementary

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



BB2730



27BBB2

# 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.



0075C0



BB2730



007960

# Square

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



BB2730



416E00



007997



5754C2

# Rectangle

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



BB2730



875900



007997



006FCF



# Sweetspot

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



BB2730



F2B8BC



B127BB



7A5759



FAFAFA



7A7A7A



# Same Dimension

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



BB2730



F20C1A



BB6727



5E5555



9E000A



1F0002



# Inverse Universe

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



BB2730



F20C1A



277BBB



5E5555



9E000A



1F0002



# Previews

## White Background



This preview shows how the Hex color BB2730 looks on a white background.

## Color Contrast Check

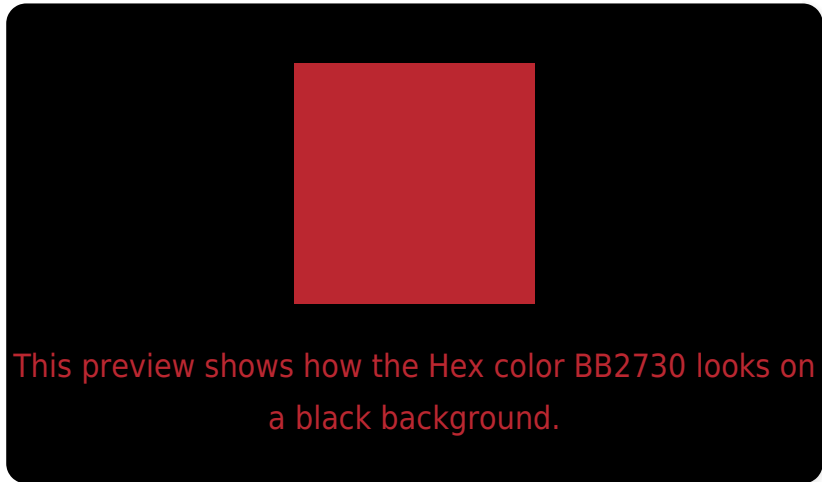
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB2730 Background



This preview shows how black text looks on a background with the Hex color BB2730.



This preview shows how white text looks on a background with the Hex color BB2730.

# 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**  
BB2730

**Protanopia**  
6B6343

**Deuteranopia**  
7C5E26



# Trichromacy



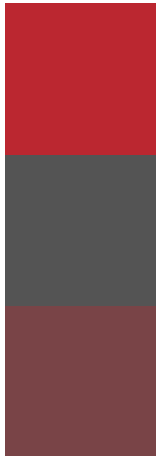
**Original Color**  
BB2730

**Protanomaly**  
884D3C

**Deuteranomaly**  
934A2A

**Tritanomaly**  
BB282C

# Monochromacy



**Original Color**  
BB2730

**Achromatopsia**  
545454

**Achromatomaly**  
794447

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB2730 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 #BB2730 looks like.

```
.text, #text, p{  
    color:#BB2730  
}
```

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 #BB2730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB2730
}
```

## Border

The CSS property to change the border of an element to Hex BB2730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

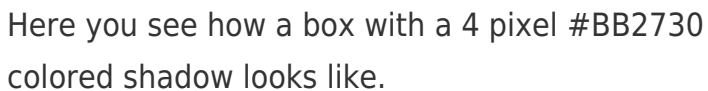
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB2730 }
```

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

```
.border{ border-color:#BB2730 }
```

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



Here you see how a box with a 4 pixel #BB2730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB2730; -webkit-box-shadow:4px 4px  
4px 4px #BB2730; box-shadow:4px 4px 4px  
4px #BB2730 }
```

# Background

The CSS property to change the background color of an element to Hex BB2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB2730 }
```

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

```
.background{ background-color:#BB2730 }
```

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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