

# Converting Colors

Hex(B02848)

Have a look what the booklet for  
Hex(B02848) contains.

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# Color

**Hex(B02848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B02848
RGB	176, 40, 72
RGB Percent	69%, 16%, 28%
CMY	0.3098, 0.8431, 0.7176
CMYK	0.00, 0.77, 0.59, 0.31
HSL	346°, 63%, 42%
HSV	346°, 77%, 69%
XYZ	19.8330, 11.2156, 7.2504
YIQ	84.3120, 70.7840, 38.7840

# Conversions

## Conversions Part 2

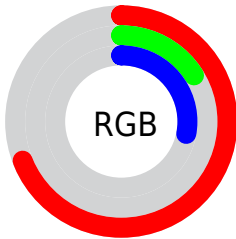
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 40, 72
Decimal	11544648
CIE <sub>Lab</sub>	39.94, 55.44, 15.39
CIE <sub>LCh</sub>	40, 57.535, 15.511
Yxy	11.2156, 0.5178, 0.2928
Android (android.graphics.Color)	4289734728 (0xFFB02848)
YUV	84.3120, -6.0698, 80.4104
Hunter-Lab	33.4897, 47.1030, 10.6067

# Details

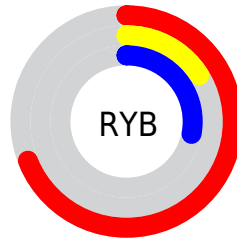
The Hex color **B02848** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **28B090**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **ED6278**, and **75001D** is the 20% darker color. If you saturate the color by 10%, you get **B0163B**, and if you desaturate by 10%, it is **B03A55**.

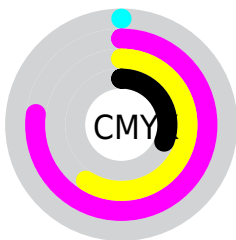
# Distribution



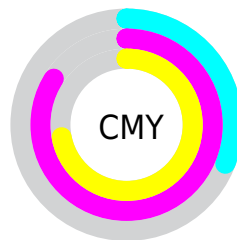
- Red (69%)
- Green (16%)
- Blue (28%)



- Red (69%)
- Yellow (16%)
- Blue (28%)



- Cyan (0%)
- Magenta (77%)
- Yellow (59%)
- Black (31%)



- Cyan (31%)
- Magenta (84%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B02848 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 B02848 by changing the saturation by 10% instead.



 B02848

 B02848

FFFFFF

 920032

 ED6278

 75001D

 FF7E92

 580003

 FF99AC

 3D0003

 FFB6C8

 190001

 FFD2E4

 000000

 FFF0FF

 B02848

 B02848

 B0163B

 B03A55

 B0052D

 B04B63

 B00029

 B05D70

 B06E7E

 B0808B

 B09299

 B0A3A6

 B0B5B4

 B0C6C1

# Harmonies

## Analogous

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



A62C77



B02848



A33D1B

# Triad

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



B02848



1E6D12



006ABA

# Complementary

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



B02848



28B090

# 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.



0071A1



B02848



007145

# Square

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



B02848



5C6300



007376



115CBA

# Rectangle

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



B02848



904D00



007376



006DB4



# Sweetspot

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



B02848



E6B1BD



8E28B0



73535A



F2F2F2



737373



# Same Dimension

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



B02848



E61042



B04A28



595052



990024



1A0006



# Inverse Universe

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



B02848



E61042



288EB0



595052



990024



1A0006



# Previews

## White Background



This preview shows how the Hex color B02848 looks on a white background.

## Color Contrast Check

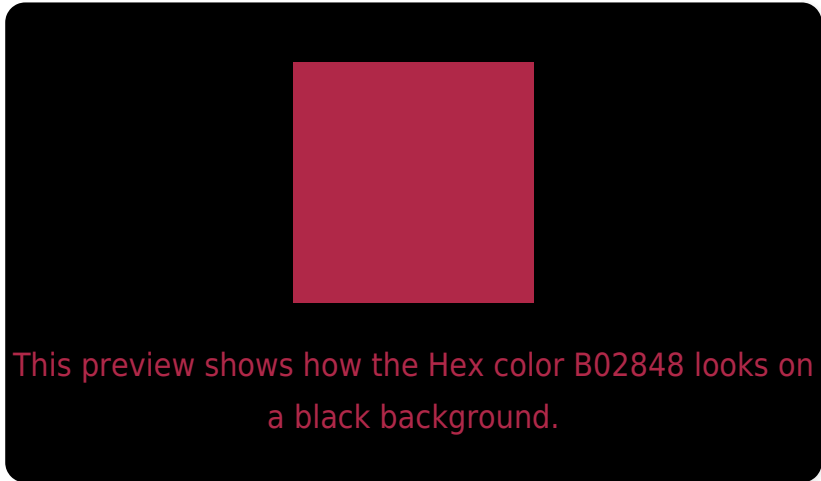
Large Text (above 18pt) WCAG AA ✓ Pass

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 B02848 Background



This preview shows how black text looks on a background with the Hex color B02848.

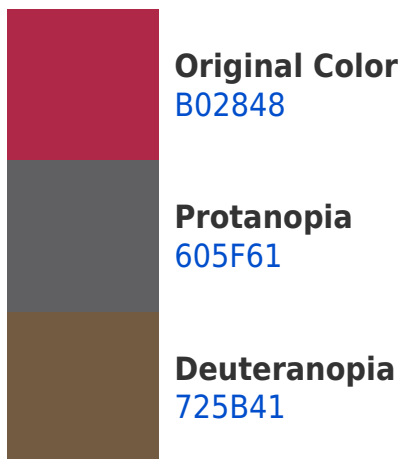


This preview shows how white text looks on a background with the Hex color B02848.

# Color Blindness Simulation

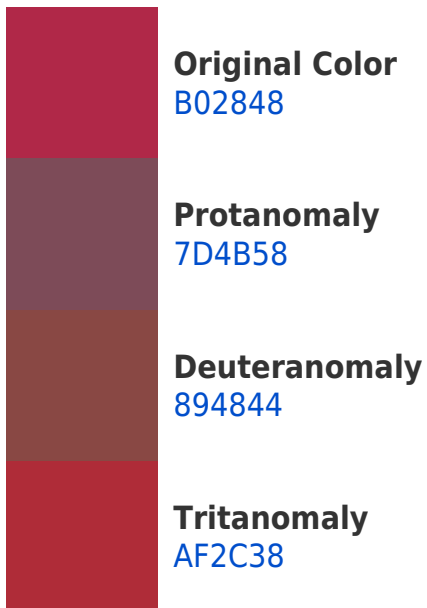
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

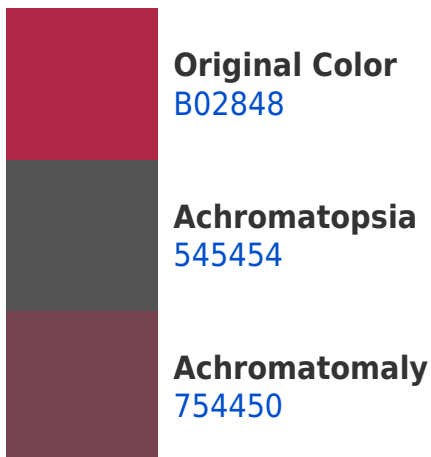




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B02848 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 #B02848 looks like.

```
.text, #text, p{  
    color:#B02848  
}
```

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 #B02848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B02848
}
```

## Border

The CSS property to change the border of an element to Hex B02848 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
#B02848 }
```

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

```
.border{ border-color:#B02848 }
```

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

Here you see how a box with a 4 pixel #B02848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B02848; -webkit-box-shadow:4px 4px  
4px 4px #B02848; box-shadow:4px 4px 4px  
4px #B02848 }
```

# Background

The CSS property to change the background color of an element to Hex B02848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B02848 }
```

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

```
.background{ background-color:#B02848 }
```

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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