

# Converting Colors

Hex(B72742)

Have a look what the booklet for  
Hex(B72742) contains.

<b>Hex(B72742)</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(B72742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B72742
RGB	183, 39, 66
RGB Percent	72%, 15%, 26%
CMY	0.2824, 0.8471, 0.7412
CMYK	0.00, 0.79, 0.64, 0.28
HSL	349°, 65%, 44%
HSV	349°, 79%, 72%
XYZ	21.2373, 11.9117, 6.3341
YIQ	85.1340, 77.1570, 38.9250

# Conversions

## Conversions Part 2

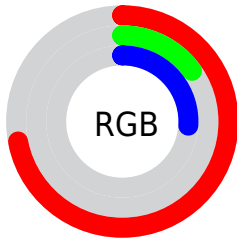
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 39, 66
Decimal	12003138
CIE <sub>Lab</sub>	41.08, 57.39, 20.91
CIE <sub>LCh</sub>	41, 61.082, 20.020
Yxy	11.9117, 0.5379, 0.3017
Android (android.graphics.Color)	4290193218 (0xFFB72742)
YUV	85.1340, -9.4331, 85.8285
Hunter-Lab	34.5133, 49.4396, 13.2780

# Details

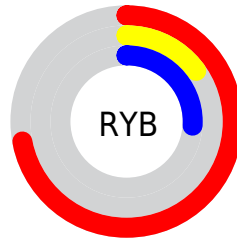
The Hex color **B72742** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **27B79C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **F56272**, and **7B0018** is the 20% darker color. If you saturate the color by 10%, you get **B71533**, and if you desaturate by 10%, it is **B73951**.

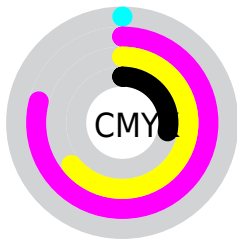
# Distribution



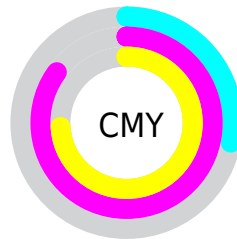
- Red (72%)
- Green (15%)
- Blue (26%)



- Red (72%)
- Yellow (15%)
- Blue (26%)



- Cyan (0%)
- Magenta (79%)
- Yellow (64%)
- Black (28%)



- Cyan (28%)
- Magenta (85%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B72742 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 B72742 by changing the saturation by 10% instead.



 B72742

 B72742

FFFFFF

 99002C

 F56272

 7B0018

 FF7E8B

 5D0000

 FF9AA5

 410002

 FFB6C0

 210001

 FFD3DC

 000000

 FFF1F9

 B72742

 B72742

 B71533

 B73951

 B70224

 B74C60

 B70022

 B75E6F

 B7707D

 B7838C

 B7959B

 B7A7AA

 B7B9B9

 B7CCC8

# Harmonies

## Analogous

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



B02674



B72742



A64110

# Triad

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



B72742



007117



006CC4

# Complementary

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



B72742



27B79C

# 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.



0074AD



B72742



00764E

# Square

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



B72742



566800



007782



2F5BC0

# Rectangle

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



B72742



905200



007782



0070C0



# Sweetspot

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



B72742



EDB4BF



9A27B7



78555C



F7F7F7



787878



# Same Dimension

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



B72742



ED0E38



B75227



5C5354



9C001D



1C0005



# Inverse Universe

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



B72742



ED0E38



278CB7



5C5354



9C001D



1C0005



# Previews

## White Background



This preview shows how the Hex color B72742 looks on a white background.

## Color Contrast Check

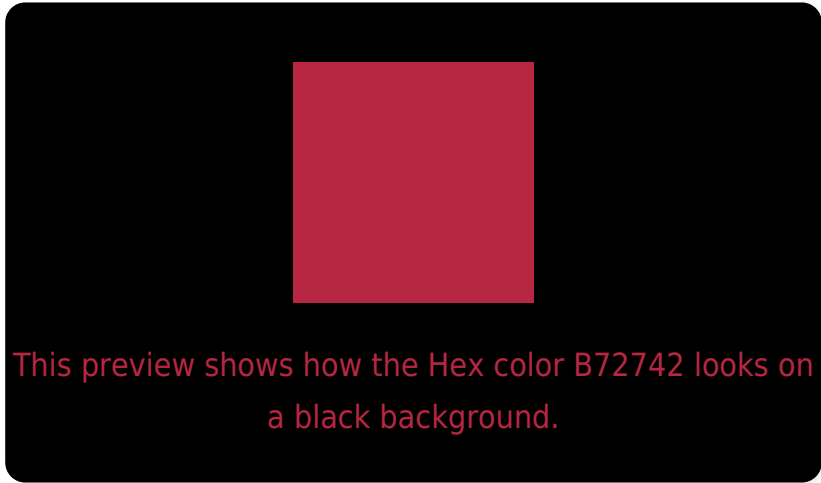
Large Text (above 18pt) WCAG AA ✓ Pass

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 B72742 Background



This preview shows how black text looks on a background with the Hex color B72742.

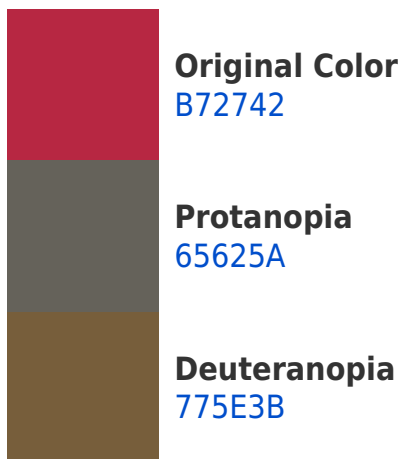


This preview shows how white text looks on a background with the Hex color B72742.

# Color Blindness Simulation

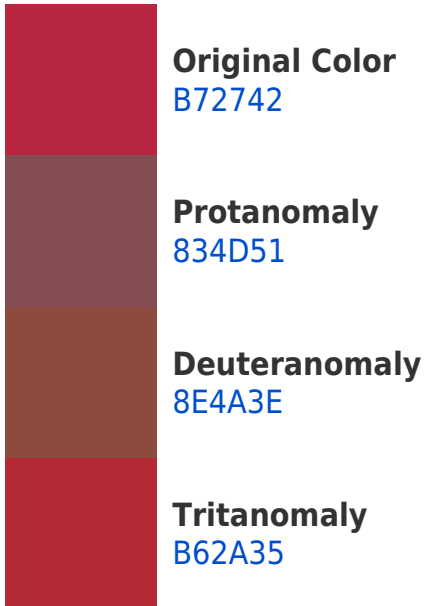
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

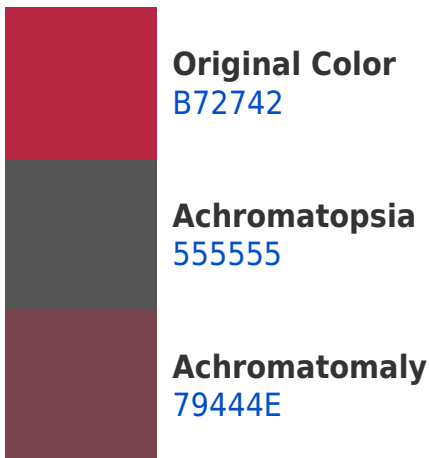




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B72742 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 #B72742 looks like.

```
.text, #text, p{  
    color:#B72742  
}
```

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 #B72742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B72742
}
```

## Border

The CSS property to change the border of an element to Hex B72742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

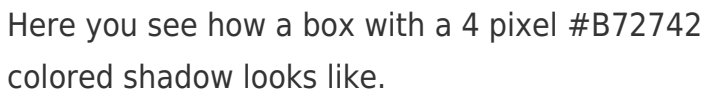
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B72742 }
```

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

```
.border{ border-color:#B72742 }
```

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



Here you see how a box with a 4 pixel #B72742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B72742; -webkit-box-shadow:4px 4px  
4px 4px #B72742; box-shadow:4px 4px 4px  
4px #B72742 }
```

# Background

The CSS property to change the background color of an element to Hex B72742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B72742 }
```

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

```
.background{ background-color:#B72742 }
```

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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