

Converting Colors

Hex(B84442)

Have a look what the booklet for
Hex(B84442) contains.

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Color

Hex(B84442)

Conversions

Conversions Part 1

Format	Color
Hex	B84442
RGB	184, 68, 66
RGB Percent	72%, 27%, 26%
CMY	0.2784, 0.7333, 0.7412
CMYK	0.00, 0.63, 0.64, 0.28
HSL	1°, 47%, 49%
HSV	1°, 64%, 72%
XYZ	22.8177, 14.7179, 6.7925
YIQ	102.4560, 69.7780, 23.9700

Conversions

Conversions Part 2

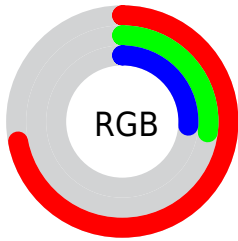
Format	Color
RYB	184, 68, 66
Decimal	12076098
CIELab	45.25, 46.76, 26.27
CIElCh	45, 53.639, 29.330
Yxy	14.7179, 0.5147, 0.3320
Android (android.graphics.Color)	4290266178 (0xFFB84442)
YUV	102.4560, -17.9728, 71.5141
Hunter-Lab	38.3640, 39.0291, 16.3573

Details

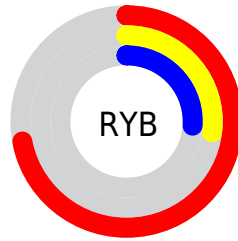
The Hex color **B84442** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **42B6B8**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **F57972**, and **7D0517** is the 20% darker color. If you saturate the color by 10%, you get **B83230**, and if you desaturate by 10%, it is **B85654**.

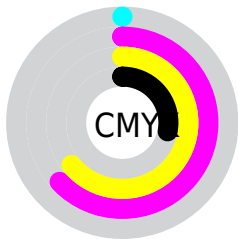
Distribution



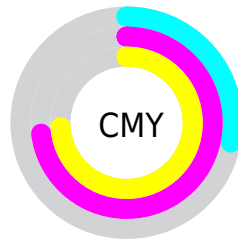
- Red (72%)
- Green (27%)
- Blue (26%)



- Red (72%)
- Yellow (27%)
- Blue (26%)



- Cyan (0%)
- Magenta (63%)
- Yellow (64%)
- Black (28%)



- Cyan (28%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B84442 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 B84442 by changing the saturation by 10% instead.

 B84442

 B84442

FFFFFF

 9A292C

 F57972

 7D0517

 FF948C

 600000

 FFB0A6

 430000

 FFCCC1

 280001

 FFE9DD

 000000

 FFFFFA

 B84442

 B84442

 B83230

 B85654

 B8201D

 B86867

 B80E0B

 B87A79

 B80300

 B88C8C

 B89E9E

 B8B1B0

 B8C3C3

 B8D5D5

 B8E7E8

Harmonies

Analogous

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



B83D6E



B84442



A4571B

Triad

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



B84442



007C3B



0071C5

Complementary

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



B84442



42B6B8

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.



007BB8



B84442



007F69

Square

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



B84442



55750F



007F96



6760BA

Rectangle

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



B84442



8E6300



007F96



0075C3

Sweetspot

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



B84442



F0C3C2



B842B6



785D5C



F7F7F7



787878

Same Dimension

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



B84442



F03A37



B87F42



5C5353



9C0300



1C0000

Inverse Universe

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



42B6B8



37EDF0



427BB8



535C5C



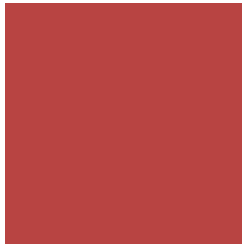
00999C



001C1C

Previews

White Background



This preview shows how the Hex color B84442 looks on a white background.

Color Contrast Check

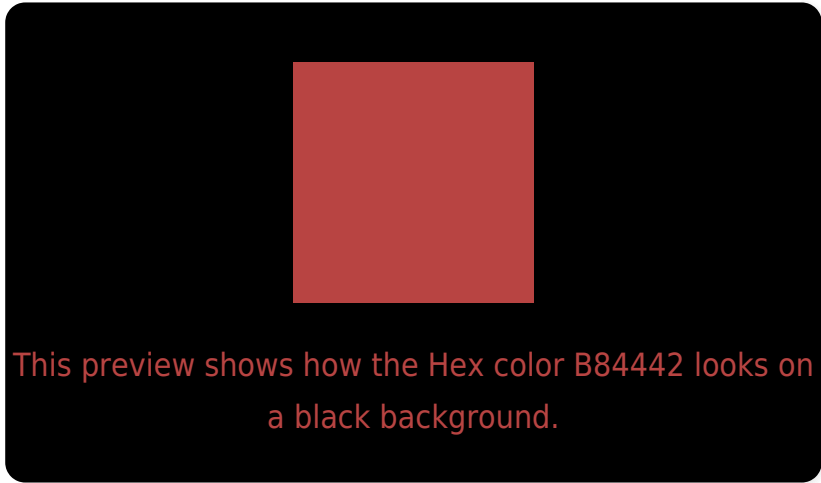
Large Text (above 18pt) WCAG AA ✓ Pass

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 B84442 Background



This preview shows how black text looks on a background with the Hex color B84442.

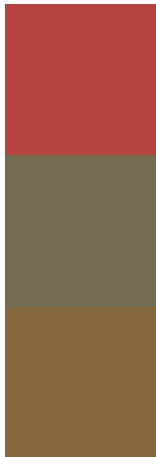


This preview shows how white text looks on a background with the Hex color B84442.

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
B84442

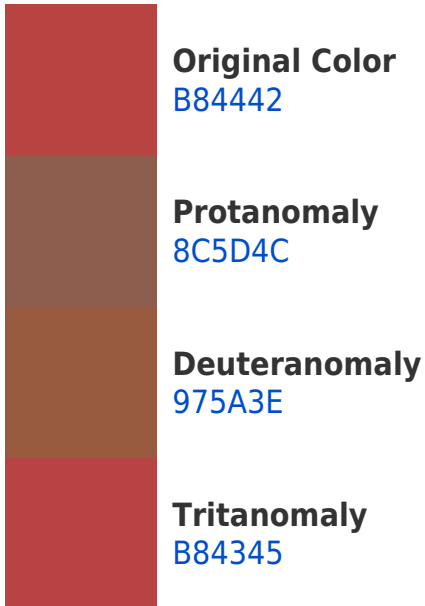
Protanopia
736C52

Deuteranopia
84673C

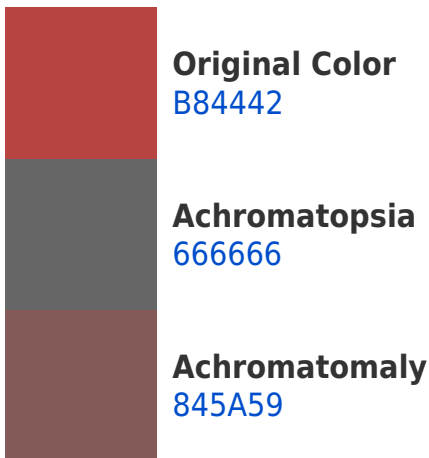


Tritanopia
B84347

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B84442 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 #B84442 looks like.

```
.text, #text, p{  
    color:#B84442  
}
```

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 #B84442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84442
}
```

Border

The CSS property to change the border of an element to Hex B84442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

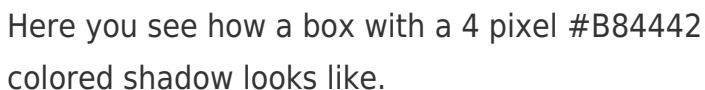
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B84442 }
```

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

```
.border{ border-color:#B84442 }
```

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



Here you see how a box with a 4 pixel #B84442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84442; -webkit-box-shadow:4px 4px  
4px 4px #B84442; box-shadow:4px 4px 4px  
4px #B84442 }
```

Background

The CSS property to change the background color of an element to Hex B84442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84442 }
```

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

```
.background{ background-color:#B84442 }
```

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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