

Converting Colors

Hex(B84F31)

Have a look what the booklet for
Hex(B84F31) contains.

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Color

Hex(B84F31)

Conversions

Conversions Part 1

Format	Color
Hex	B84F31
RGB	184, 79, 49
RGB Percent	72%, 31%, 19%
CMY	0.2784, 0.6902, 0.8078
CMYK	0.00, 0.57, 0.73, 0.28
HSL	13°, 58%, 46%
HSV	13°, 73%, 72%
XYZ	23.1175, 16.0041, 4.7764
YIQ	106.9750, 72.2100, 12.9300

Conversions

Conversions Part 2

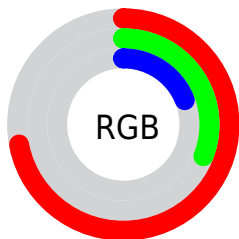
Format	Color
RYB	184, 88, 49
Decimal	12078897
CIELab	46.98, 40.64, 38.05
CIElCh	47, 55.674, 43.113
Yxy	16.0041, 0.5266, 0.3646
Android (android.graphics.Color)	4290268977 (0xFFB84F31)
YUV	106.9750, -28.5817, 67.5509
Hunter-Lab	40.0051, 33.1400, 20.9246

Details

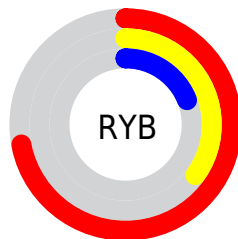
The Hex color **B84F31** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **319AB8**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **F58361**, and **7C1B03** is the 20% darker color. If you saturate the color by 10%, you get **B8411F**, and if you desaturate by 10%, it is **B85D43**.

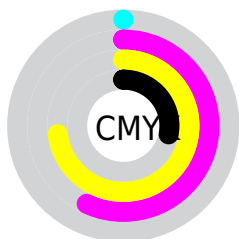
Distribution



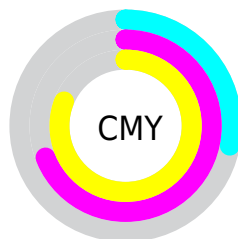
- Red (72%)
- Green (31%)
- Blue (19%)



- Red (72%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (57%)
- Yellow (73%)
- Black (28%)



- Cyan (28%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B84F31 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 B84F31 by changing the saturation by 10% instead.

 B84F31

 B84F31

FFFFFF

 9A351A

 F58361

 7C1B03

 FF9E7A

 5F0000

 FFBA94

 420000

 FFD6AF

 290001

 FFF3CA

 000000

 FFFFFE7

 B84F31

 B84F31

 B8411F

 B85D43

 B8320C

 B86C56

 B82900

 B87A68

 B8887B

 B8978D

 B8A59F

 B8B3B2

 B8C1C4

 B8D0D7

Harmonies

Analogous

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



C3405D



B84F31



9B6306

Triad

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



B84F31



008352



2D6ECB

Complementary

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



B84F31



319AB8

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.



007CC9



B84F31



008583

Square

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



B84F31



3D7E24



0083AF



8B59B4

Rectangle

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



B84F31



816F00



0083AF



0073CD

Sweetspot

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



B84F31



F0C7BB



B8319B



786059



F7F7F7



787878

Same Dimension

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



B84F31



F04C1D



B89231



5C5553



9C2300



1C0600

Inverse Universe

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



319AB8



1DC1F0



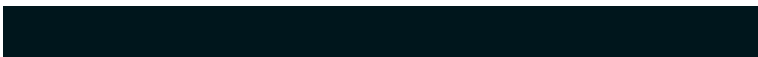
3157B8



535A5C



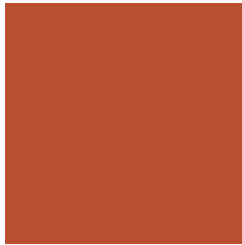
00799C



00161C

Previews

White Background



This preview shows how the Hex color B84F31 looks on a white background.

Color Contrast Check

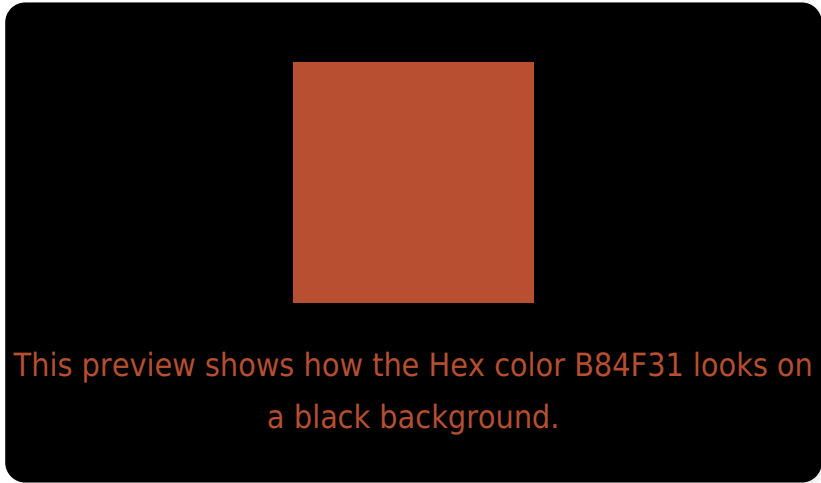
Large Text (above 18pt) WCAG AA ✓ Pass

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

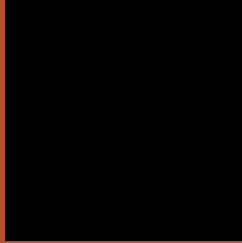
Any Text WCAG AA × Fail

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 B84F31 Background



This preview shows how black text looks on a background with the Hex color B84F31.



This preview shows how white text looks on a background with the Hex color B84F31.

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](#).

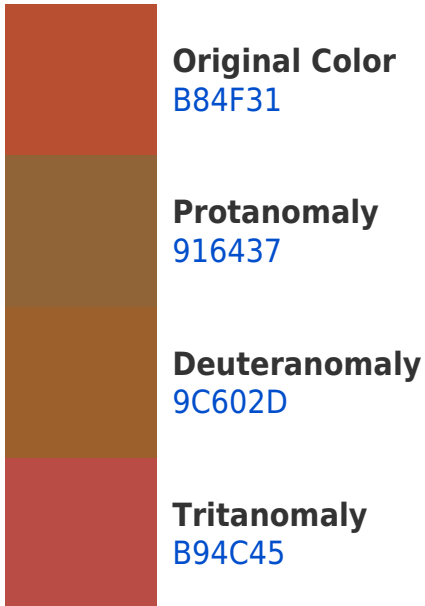
Dichromacy



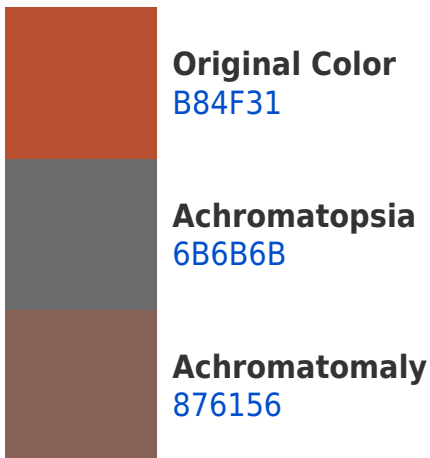


Tritanopia
B94B50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B84F31 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 #B84F31 looks like.

```
.text, #text, p{
  color:#B84F31
}
```

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 #B84F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84F31
}
```

Border

The CSS property to change the border of an element to Hex B84F31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

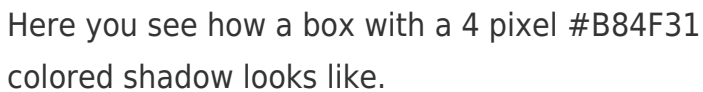
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B84F31 }
```

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

```
.border{ border-color:#B84F31 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B84F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84F31; -webkit-box-shadow:4px 4px  
4px 4px #B84F31; box-shadow:4px 4px 4px  
4px #B84F31 }
```

Background

The CSS property to change the background color of an element to Hex B84F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84F31 }
```

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

```
.background{ background-color:#B84F31 }
```

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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