

Converting Colors

Hex(B84D1F)

Have a look what the booklet for
Hex(B84D1F) contains.

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Color

Hex(B84D1F)

Conversions

Conversions Part 1

Format	Color
Hex	B84D1F
RGB	184, 77, 31
RGB Percent	72%, 30%, 12%
CMY	0.2784, 0.6980, 0.8784
CMYK	0.00, 0.58, 0.83, 0.28
HSL	18°, 71%, 42%
HSV	18°, 83%, 72%
XYZ	22.6684, 15.5970, 3.1121
YIQ	103.7490, 78.5380, 8.3780

Conversions

Conversions Part 2

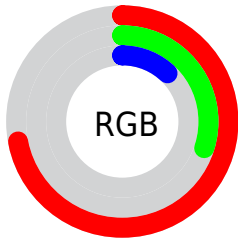
Format	Color
R_{YB}	184, 97, 31
Decimal	12078367
CIE Lab	46.44, 40.93, 46.51
CIE LCh	46, 61.953, 48.650
Yxy	15.5970, 0.5478, 0.3769
Android (android.graphics.Color)	4290268447 (0xFFB84D1F)
YUV	103.7490, -35.8653, 70.3801
Hunter-Lab	39.4931, 33.3431, 22.9730

Details

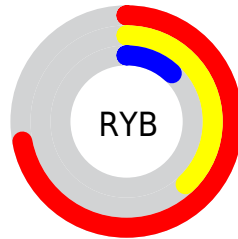
The Hex color **B84D1F** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1F8AB8**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **F6814F**, and **7C1800** is the 20% darker color. If you saturate the color by 10%, you get **B8400D**, and if you desaturate by 10%, it is **B85A31**.

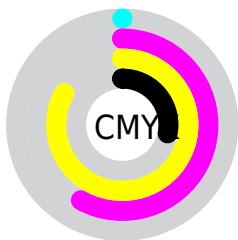
Distribution



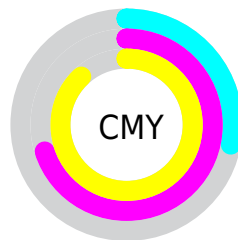
- Red (72%)
- Green (30%)
- Blue (12%)



- Red (72%)
- Yellow (38%)
- Blue (12%)



- Cyan (0%)
- Magenta (58%)
- Yellow (83%)
- Black (28%)



- Cyan (28%)
- Magenta (70%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B84D1F 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 B84D1F by changing the saturation by 10% instead.

 B84D1F

 B84D1F

FFFFFF

 9A3305

 F6814F

 7C1800

 FF9C68

 5E0000

 FFB882

 410000

 FFD49D

 270001

 FFF1B8

 000000

 FFFFD4

 FFFFF1

 B84D1F

 B84D1F

 B8400D

 B85A31

 B83700

 B86744

 B87456

 B88069

 B88D7B

 B89A8D

 B8A7A0

 B8B4B2

 B8C1C5

Harmonies

Analogous

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



C93650



B84D1F



956500

Triad

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



B84D1F



008458



3A69D1

Complementary

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



B84D1F



1F8AB8

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.



007AD5



B84D1F



00858E

Square

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



B84D1F



1D7F21



0083BC



9850B3

Rectangle

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



B84D1F



777100



0083BC



0070D6

Sweetspot

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



B84D1F



F0C6B4



B81F8A



785F54



F7F7F7



787878

Same Dimension

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



B84D1F



F04800



B8991F



5C5553



9C2F00



1C0800

Inverse Universe

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



1F8AB8



00A8F0



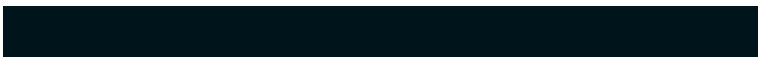
1F3EB8



53595C



006D9C



00141C

Previews

White Background



This preview shows how the Hex color B84D1F looks on a white background.

Color Contrast Check

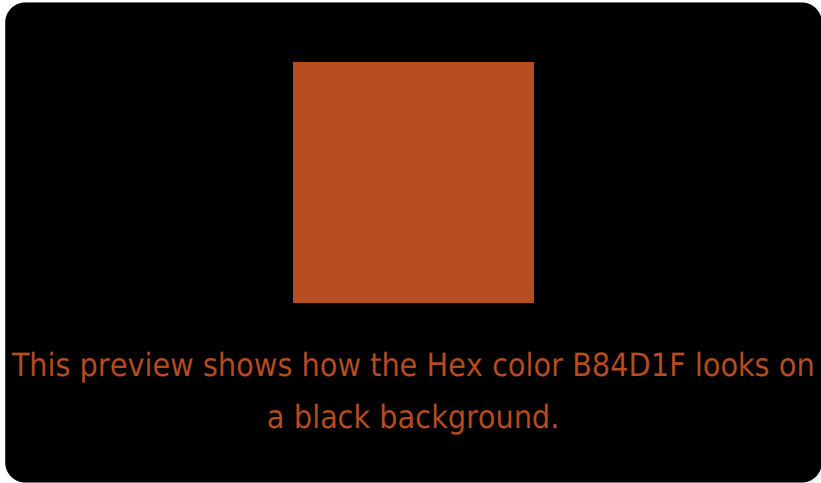
Large Text (above 18pt) WCAG AA ✓ Pass

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 B84D1F Background



This preview shows how black text looks on a background with the Hex color B84D1F.




This preview shows how white text looks on a background with the Hex color B84D1F.

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](#).

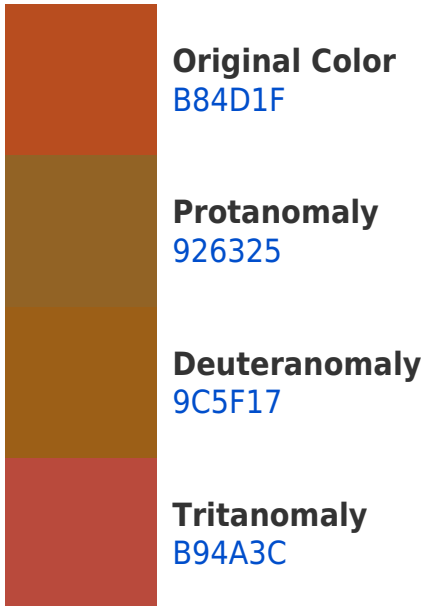
Dichromacy



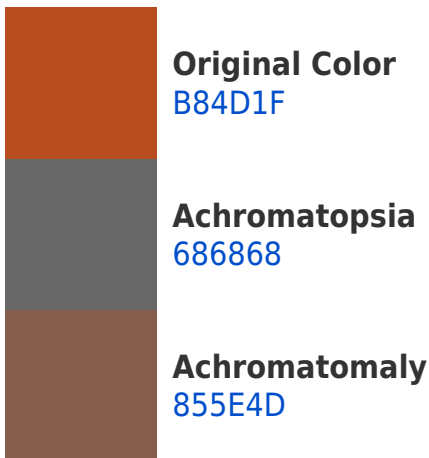


Tritanopia
BA484D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B84D1F 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 #B84D1F looks like.

```
.text, #text, p{  
    color:#B84D1F  
}
```

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 #B84D1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84D1F
}
```

Border

The CSS property to change the border of an element to Hex B84D1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

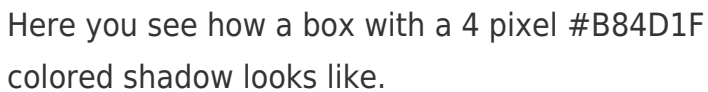
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B84D1F }
```

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

```
.border{ border-color:#B84D1F }
```

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, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B84D1F colored shadow looks like."

Here you see how a box with a 4 pixel #B84D1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84D1F; -webkit-box-shadow:4px 4px  
4px 4px #B84D1F; box-shadow:4px 4px 4px  
4px #B84D1F }
```

Background

The CSS property to change the background color of an element to Hex B84D1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84D1F }
```

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

```
.background{ background-color:#B84D1F }
```

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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