

Converting Colors

Hex(B8431F)

Have a look what the booklet for
Hex(B8431F) contains.

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Color

Hex(B8431F)

Conversions

Conversions Part 1

Format	Color
Hex	B8431F
RGB	184, 67, 31
RGB Percent	72%, 26%, 12%
CMY	0.2784, 0.7373, 0.8784
CMYK	0.00, 0.64, 0.83, 0.28
HSL	14°, 71%, 42%
HSV	14°, 83%, 72%
XYZ	22.0216, 14.3036, 2.8965
YIQ	97.8790, 81.2880, 13.6080

Conversions

Conversions Part 2

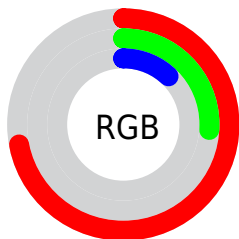
Format	Color
R_{YB}	184, 78, 31
Decimal	12075807
CIE Lab	44.67, 45.61, 44.89
CIE LCh	45, 63.995, 44.546
Yxy	14.3036, 0.5615, 0.3647
Android (android.graphics.Color)	4290265887 (0xFFB8431F)
YUV	97.8790, -32.9713, 75.5281
Hunter-Lab	37.8201, 37.7507, 21.9332

Details

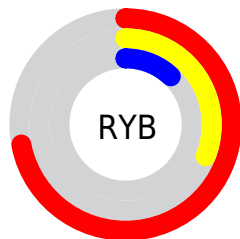
The Hex color **B8431F** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1F94B8**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **F6784F**, and **7B0500** is the 20% darker color. If you saturate the color by 10%, you get **B8350D**, and if you desaturate by 10%, it is **B85131**.

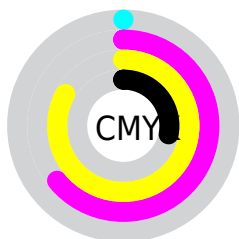
Distribution



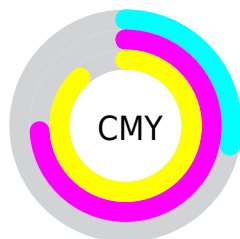
- Red (72%)
- Green (26%)
- Blue (12%)



- Red (72%)
- Yellow (31%)
- Blue (12%)



- Cyan (0%)
- Magenta (64%)
- Yellow (83%)
- Black (28%)



- Cyan (28%)
- Magenta (74%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8431F 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 B8431F by changing the saturation by 10% instead.

 B8431F

 B8431F

FFFFFF

 992806

 F6784F

 7B0500

 FF9367

 5D0000

 FFAE81

 410000

 FFCB9C

 240001

 FFE7B7

 000000

 FFFFD3

 FFFFEE

 B8431F

 B8431F

 B8350D

 B85131

 B82B00

 B85F44

 B86D56

 B87B69

 B8897B

 B8978D

 B8A5A0

 B8B4B2

 B8C2C5

Harmonies

Analogous

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



C62A52



B8431F



975D00

Triad

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



B8431F



007F4B



0067D2

Complementary

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



B8431F



1F94B8

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.



0078D1



B8431F



008183

Square

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



B8431F



237A0F



007FB4



8B4EB6

Rectangle

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



B8431F



796A00



007FB4



006ED5

Sweetspot

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



B8431F



F0C2B4



B81F94



785C54



F7F7F7



787878

Same Dimension

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



B8431F



F03800



B88F1F



5C5553



9C2500



1C0700

Inverse Universe

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



1F94B8



00B7F0



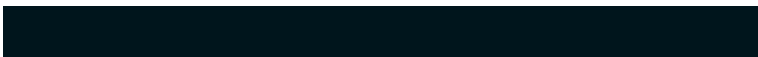
1F48B8



535A5C



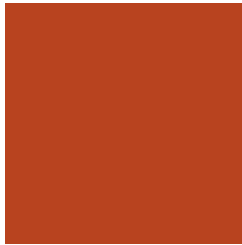
00779C



00151C

Previews

White Background



This preview shows how the Hex color B8431F looks on a white background.

Color Contrast Check

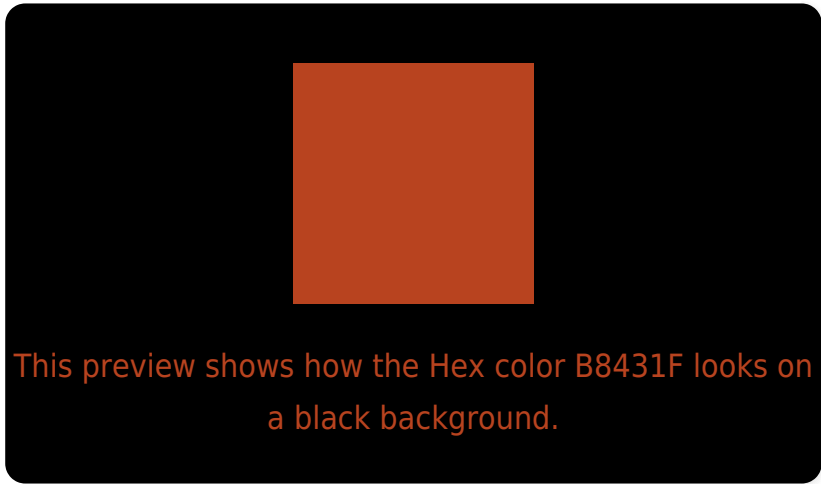
Large Text (above 18pt) WCAG AA ✓ Pass

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 B8431F Background



This preview shows how black text looks on a background with the Hex color B8431F.



This preview shows how white text looks on a background with the Hex color B8431F.

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
B8431F

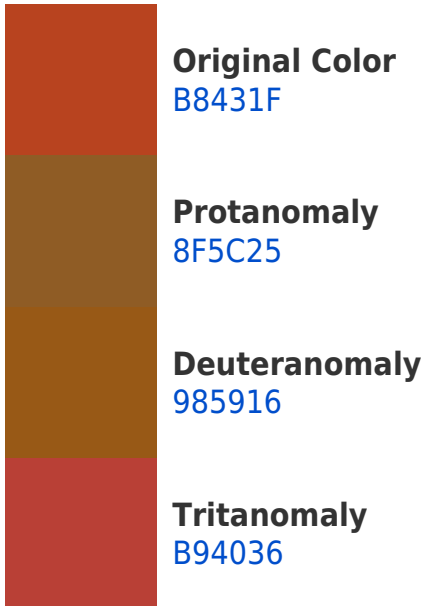
Protanopia
776B29

Deuteranopia
866511

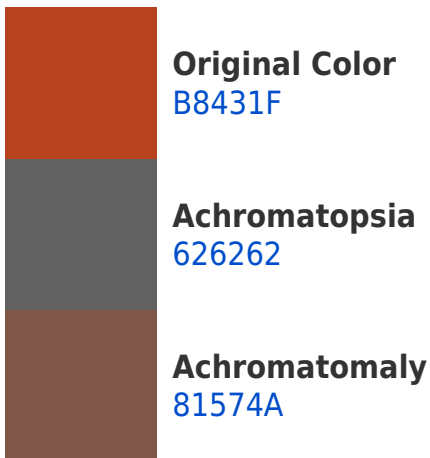


Tritanopia
B93F43

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B8431F 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 #B8431F looks like.

```
.text, #text, p{  
    color:#B8431F  
}
```

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 #B8431F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8431F
}
```

Border

The CSS property to change the border of an element to Hex B8431F is called "border". The border property can be set on classes, ids or directly on the HTML element.

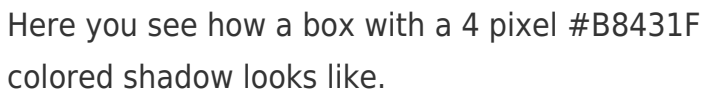
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8431F }
```

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

```
.border{ border-color:#B8431F }
```

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 darker orange color and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B8431F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8431F; -webkit-box-shadow:4px 4px  
4px 4px #B8431F; box-shadow:4px 4px 4px  
4px #B8431F }
```

Background

The CSS property to change the background color of an element to Hex B8431F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8431F }
```

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

```
.background{ background-color:#B8431F }
```

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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