

Converting Colors

Hex(D8431B)

Have a look what the booklet for
Hex(D8431B) contains.

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Color

Hex(D8431B)

Conversions

Conversions Part 1

Format	Color
Hex	D8431B
RGB	216, 67, 27
RGB Percent	85%, 26%, 11%
CMY	0.1529, 0.7373, 0.8941
CMYK	0.00, 0.69, 0.88, 0.15
HSL	13°, 78%, 48%
HSV	13°, 88%, 85%
XYZ	30.5239, 18.6924, 3.0361
YIQ	106.9910, 101.6440, 19.1480

Conversions

Conversions Part 2

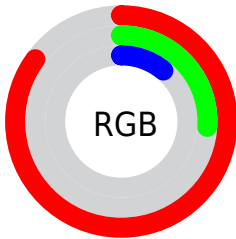
Format	Color
RYB	216, 78, 27
Decimal	14172955
CIELab	50.33, 56.52, 53.71
CIElCh	50, 77.965, 43.539
Yxy	18.6924, 0.5842, 0.3577
Android (android.graphics.Color)	4292363035 (0xFFD8431B)
YUV	106.9910, -39.4356, 95.6009
Hunter-Lab	43.2347, 50.3612, 26.1007

Details

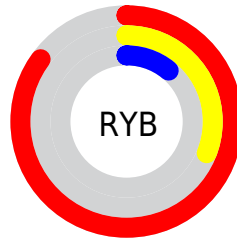
The Hex color **D8431B** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1BB0D8**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7B4C**, and **990000** is the 20% darker color. If you saturate the color by 10%, you get **D83205**, and if you desaturate by 10%, it is **D85431**.

Distribution



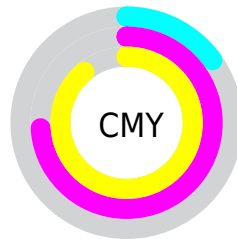
- Red (85%)
- Green (26%)
- Blue (11%)



- Red (85%)
- Yellow (31%)
- Blue (11%)



- Cyan (0%)
- Magenta (69%)
- Yellow (88%)
- Black (15%)



- Cyan (15%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8431B 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 D8431B by changing the saturation by 10% instead.

 D8431B

 D8431B

FFFFFF

 B82400

 FF7B4C

 990000

 FF9766

 790000

 FFB37F

 5A0000

 FFD09A

 3F0003

 FFEDB5

 1C0001

 FFFFD1

 000000

 FFFFEE

 D8431B

 D8431B

 D83205

 D85431

 D82E00

 D86546

 D8765C

 D88771

 D89887

 D8A99D

 D8BAB2

 D8CBC8

 D8DCDD

Harmonies

Analogous

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



E9145D



D8431B



AF6700

Triad

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



D8431B



00924F



0076FB

Complementary

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



D8431B



1BB0D8

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.



008AF8



D8431B



009495

Square

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



D8431B



168B00



0092D3



9D55D9

Rectangle

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



D8431B



8B7800



0092D3



007EFE

Sweetspot

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



D8431B



FFCBBB



D81BB2



806058



000000



808080

Same Dimension

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



D8431B



FF3600



D89F1B



6B6360



AB2400



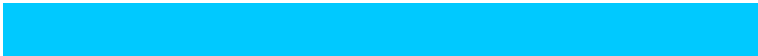
2B0900

Inverse Universe

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



1BB0D8



00C9FF



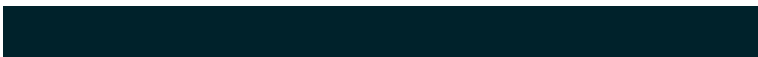
1B54D8



60696B



0087AB



00222B

Previews

White Background



This preview shows how the Hex color D8431B looks on a white background.

Color Contrast Check

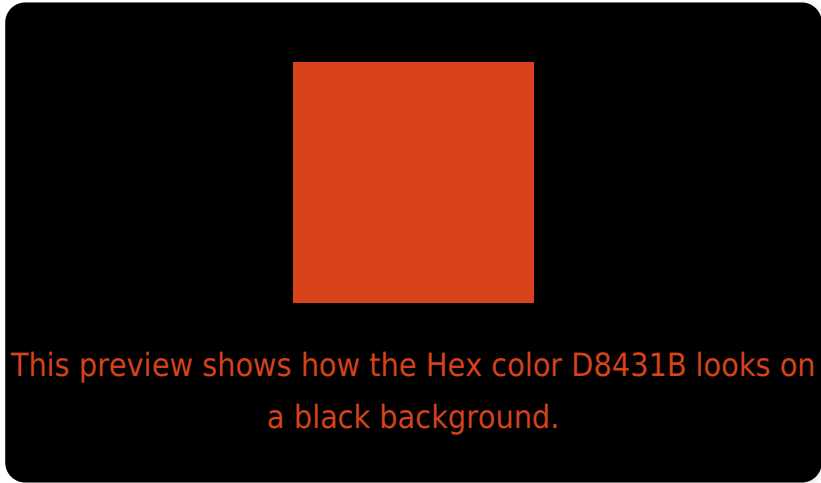
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D8431B Background



This preview shows how black text looks on a background with the Hex color D8431B.



This preview shows how white text looks on a background with the Hex color D8431B.

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
D8431B

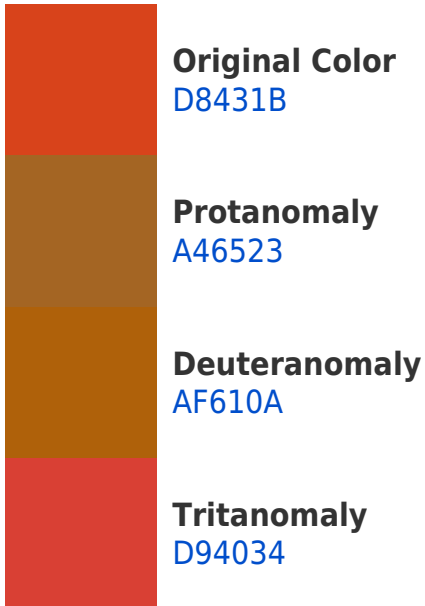
Protanopia
877928

Deuteranopia
987200

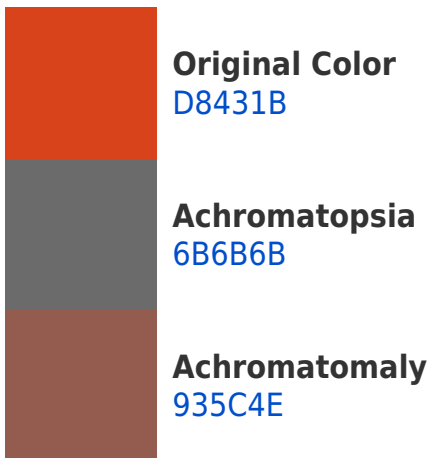


Tritanopia
D93F42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8431B 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 #D8431B looks like.

```
.text, #text, p{  
    color:#D8431B  
}
```

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 #D8431B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8431B
}
```

Border

The CSS property to change the border of an element to Hex D8431B is called "border". The border property can be set on classes, ids or directly on the HTML element.

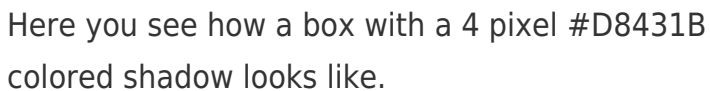
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D8431B }
```

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

```
.border{ border-color:#D8431B }
```

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



Here you see how a box with a 4 pixel #D8431B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8431B; -webkit-box-shadow:4px 4px  
4px 4px #D8431B; box-shadow:4px 4px 4px  
4px #D8431B }
```

Background

The CSS property to change the background color of an element to Hex D8431B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8431B }
```

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

```
.background{ background-color:#D8431B }
```

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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