

Converting Colors

Hex(D2471B)

Have a look what the booklet for
Hex(D2471B) contains.

Hex(D2471B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D2471B)

Conversions

Conversions Part 1

Format	Color
Hex	D2471B
RGB	210, 71, 27
RGB Percent	82%, 28%, 11%
CMY	0.1765, 0.7216, 0.8941
CMYK	0.00, 0.66, 0.87, 0.18
HSL	14°, 77%, 46%
HSV	14°, 87%, 82%
XYZ	29.0294, 18.2872, 3.0367
YIQ	107.5450, 96.9680, 15.7840

Conversions

Conversions Part 2

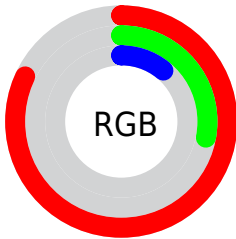
Format	Color
RYB	210, 85, 27
Decimal	13780763
CIELab	49.84, 52.92, 52.87
CIElCh	50, 74.802, 44.975
Yxy	18.2872, 0.5765, 0.3632
Android (android.graphics.Color)	4291970843 (0xFFD2471B)
YUV	107.5450, -39.7087, 89.8530
Hunter-Lab	42.7636, 46.3357, 25.7243

Details

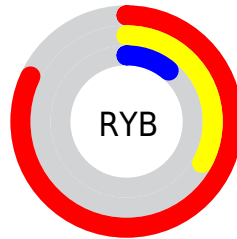
The Hex color **D2471B** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1BA6D2**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7E4C**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D23706**, and if you desaturate by 10%, it is **D25730**.

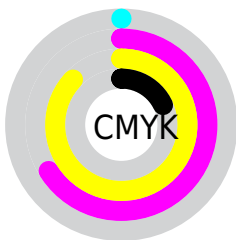
Distribution



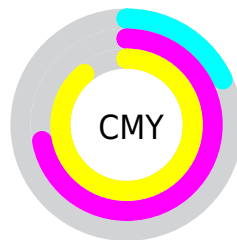
- Red (82%)
- Green (28%)
- Blue (11%)



- Red (82%)
- Yellow (33%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (87%)
- Black (18%)



- Cyan (18%)
- Magenta (72%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2471B 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 D2471B by changing the saturation by 10% instead.

 D2471B

 D2471B

FFFFFF

 B22A00

 FF7E4C

 930000

 FF9966

 740000

 FFB580

 560000

 FFD29A

 3B0002

 FFEFB5

 140000

 FFFFD1

 000000

 FFFFEE

 D2471B

 D2471B

 D23706

 D25730

 D23200

 D26745

 D2775A

 D2876F

 D29784

 D2A799

 D2B7AE

 D2C7C3

 D2D7D8

Harmonies

Analogous

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



E4215A



D2471B



AA6800

Triad

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



D2471B



009053



0074F3

Complementary

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



D2471B



1BA6D2

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.



0087F3



D2471B



009296

Square

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



D2471B



158A00



0090D0



9F54D2

Rectangle

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



D2471B



877800



0090D0



007CF7

Sweetspot

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



D2471B



FFCDBD



D21BA7



806158



000000



808080

Same Dimension

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



D2471B



FF3D00



D2A11B



69615E



A82800



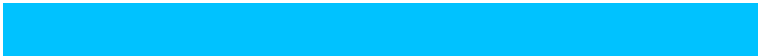
290A00

Inverse Universe

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



1BA6D2



00C2FF



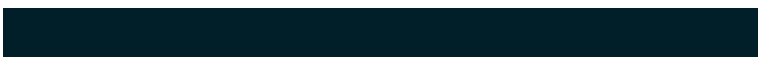
1B4CD2



5E6669



0080A8



001F29

Previews

White Background



This preview shows how the Hex color D2471B looks on a white background.

Color Contrast Check

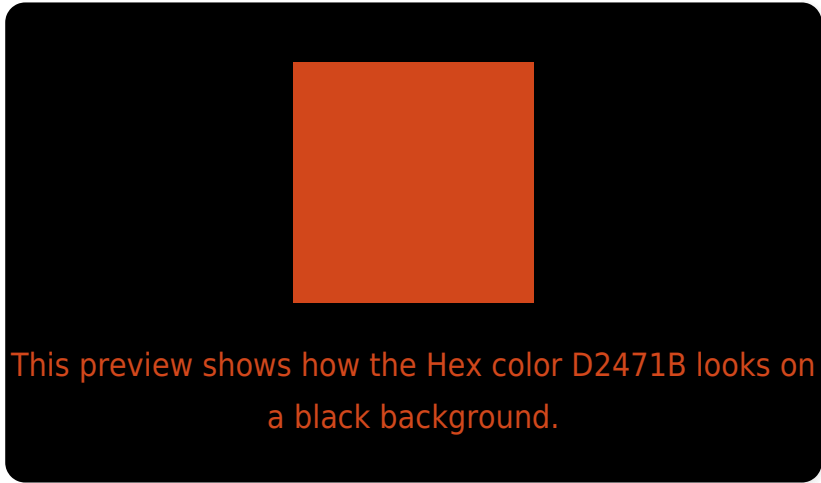
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 D2471B Background



This preview shows how black text looks on a background with the Hex color D2471B.



This preview shows how white text looks on a background with the Hex color D2471B.

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
D2471B

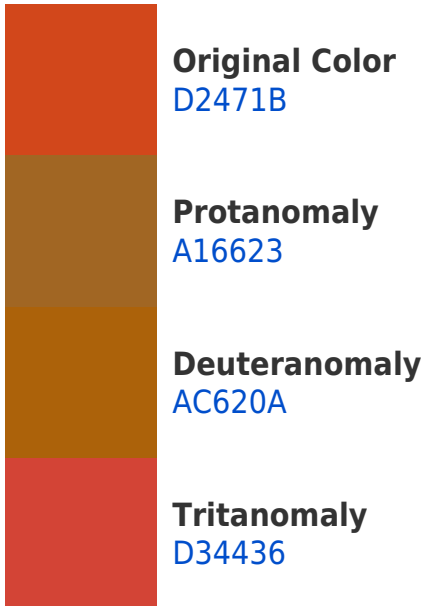
Protanopia
857727

Deuteranopia
977100



Tritanopia
D34346

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2471B 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 #D2471B looks like.

```
.text, #text, p{  
    color:#D2471B  
}
```

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 #D2471B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2471B
}
```

Border

The CSS property to change the border of an element to Hex D2471B is called "border". The border property can be set on classes, ids or directly on the HTML element.

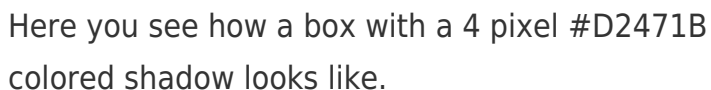
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D2471B }
```

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

```
.border{ border-color:#D2471B }
```

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 thick orange line that is 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 #D2471B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2471B; -webkit-box-shadow:4px 4px  
4px 4px #D2471B; box-shadow:4px 4px 4px  
4px #D2471B }
```

Background

The CSS property to change the background color of an element to Hex D2471B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2471B }
```

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

```
.background{ background-color:#D2471B }
```

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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