

Converting Colors

Hex(D7321B)

Have a look what the booklet for
Hex(D7321B) contains.

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Color

Hex(D7321B)

Conversions

Conversions Part 1

Format	Color
Hex	D7321B
RGB	215, 50, 27
RGB Percent	84%, 20%, 11%
CMY	0.1569, 0.8039, 0.8941
CMYK	0.00, 0.77, 0.87, 0.16
HSL	7°, 78%, 47%
HSV	7°, 87%, 84%
XYZ	29.3628, 16.8074, 2.7335
YIQ	96.7130, 105.7230, 27.8270

Conversions

Conversions Part 2

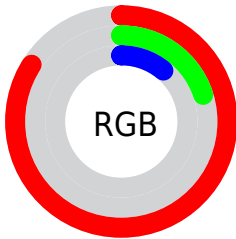
Format	Color
RYB	215, 53, 27
Decimal	14103067
CIELab	48.02, 62.07, 51.81
CIElCh	48, 80.854, 39.852
Yxy	16.8074, 0.6004, 0.3437
Android (android.graphics.Color)	4292293147 (0xFFD7321B)
YUV	96.7130, -34.3685, 103.7377
Hunter-Lab	40.9968, 56.1008, 24.7446

Details

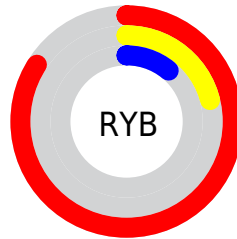
The Hex color **D7321B** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1BC0D7**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6E4B**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D71F05**, and if you desaturate by 10%, it is **D74531**.

Distribution



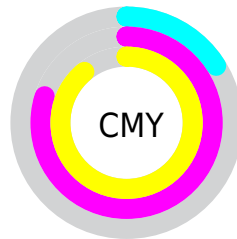
- Red (84%)
- Green (20%)
- Blue (11%)



- Red (84%)
- Yellow (21%)
- Blue (11%)



- Cyan (0%)
- Magenta (77%)
- Yellow (87%)
- Black (16%)



- Cyan (16%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7321B 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 D7321B by changing the saturation by 10% instead.

 D7321B

 D7321B

FFFFFF

 B70301

 FF6E4B

 970000

 FF8A64

 770000

 FFA77E

 580000

 FFC498

 3C0003

 FFE1B3

 160000

 FFFFCE

 000000

 FFFFEC

 D7321B

 D7321B

 D71F05

 D74531

 D71A00

 D75846

 D76B5C

 D77D71

 D79087

 D7A39C

 D7B6B2

 D7C9C7

 D7DCDD

Harmonies

Analogous

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



E6005F



D7321B



AF5D00

Triad

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



D7321B



008B3F



0074FB

Complementary

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



D7321B



1BC0D7

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.



0086F4



D7321B



008E88

Square

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



D7321B



1C8500



008DC9



8C52DC

Rectangle

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



D7321B



8B6F00



008DC9



007CFD

Sweetspot

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



D7321B



FFC5BD



D71BC1



805D58



000000



808080

Same Dimension

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



D7321B



FF1F00



D78F1B



6B6260



AB1500



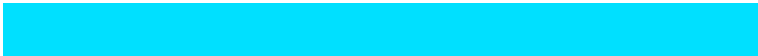
2B0500

Inverse Universe

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



1BC0D7



00E0FF



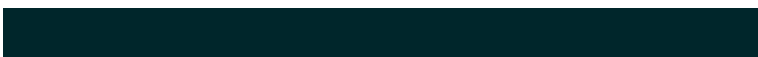
1B63D7



606A6B



0096AB



00262B

Previews

White Background



This preview shows how the Hex color D7321B 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 D7321B Background



This preview shows how black text looks on a background with the Hex color D7321B.



This preview shows how white text looks on a background with the Hex color D7321B.

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

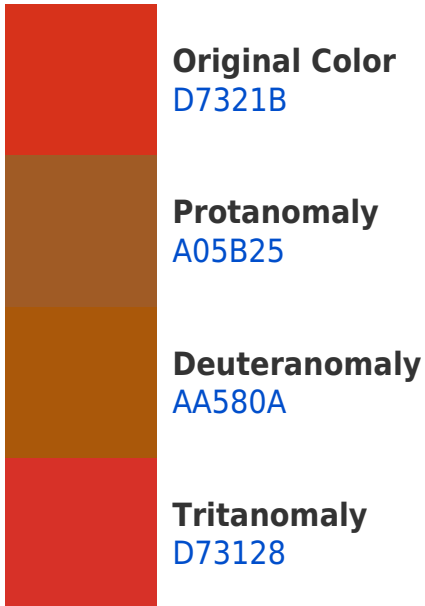


Original Color
D7321B

Protanopia
80732B

Deuteranopia
916D00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7321B 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 #D7321B looks like.

```
.text, #text, p{  
    color:#D7321B  
}
```

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 #D7321B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7321B
}
```

Border

The CSS property to change the border of an element to Hex D7321B is called "border". The border property can be set on classes, ids or directly on the HTML element.

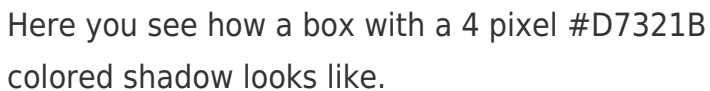
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D7321B }
```

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

```
.border{ border-color:#D7321B }
```

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



Here you see how a box with a 4 pixel #D7321B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7321B; -webkit-box-shadow:4px 4px  
4px 4px #D7321B; box-shadow:4px 4px 4px  
4px #D7321B }
```

Background

The CSS property to change the background color of an element to Hex D7321B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7321B }
```

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

```
.background{ background-color:#D7321B }
```

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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