

Converting Colors

Hex(D9311B)

Have a look what the booklet for
Hex(D9311B) contains.

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Color

Hex(D9311B)

Conversions

Conversions Part 1

Format	Color
Hex	D9311B
RGB	217, 49, 27
RGB Percent	85%, 19%, 11%
CMY	0.1490, 0.8078, 0.8941
CMYK	0.00, 0.77, 0.88, 0.15
HSL	7°, 78%, 48%
HSV	7°, 88%, 85%
XYZ	29.9114, 17.0275, 2.7470
YIQ	96.7240, 107.1900, 28.7740

Conversions

Conversions Part 2

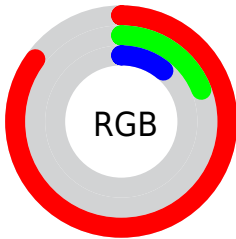
Format	Color
R_{YB}	217, 52, 27
Decimal	14233883
CIE Lab	48.29, 62.97, 52.19
CIE LCh	48, 81.785, 39.657
Yxy	17.0275, 0.6020, 0.3427
Android (android.graphics.Color)	4292423963 (0xFFD9311B)
YUV	96.7240, -34.3739, 105.4821
Hunter-Lab	41.2644, 57.1772, 24.9380

Details

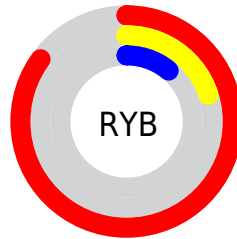
The Hex color **D9311B** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1BC3D9**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6D4B**, and **990000** is the 20% darker color. If you saturate the color by 10%, you get **D91E05**, and if you desaturate by 10%, it is **D94431**.

Distribution



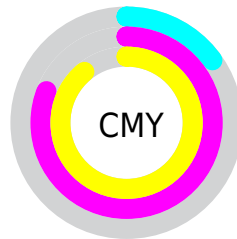
- Red (85%)
- Green (19%)
- Blue (11%)



- Red (85%)
- Yellow (20%)
- Blue (11%)



- Cyan (0%)
- Magenta (77%)
- Yellow (88%)
- Black (15%)



- Cyan (15%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9311B 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 D9311B by changing the saturation by 10% instead.

 D9311B

 D9311B

FFFFFF

 B90001

 FF6D4B

 990000

 FF8A64

 790000

 FFA67E

 5A0000

 FFC398

 3E0003

 FFE1B3

 190001

 FFFECE

 000000

 FFFFEC

 D9311B

 D9311B

 D91E05

 D94431

 D91900

 D95746

 D96B5C

 D97E72

 D99187

 D9A49D

 D9B7B3

 D9CAC9

 D9DEDE

Harmonies

Analogous

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



E80060



D9311B



B15D00

Triad

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



D9311B



008C3F



0075FD

Complementary

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



D9311B



1BC3D9

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.



0087F6



D9311B



008F88

Square

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



D9311B



1B8500



008ECA



8C53DF

Rectangle

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



D9311B



8D7000



008ECA



007DFF

Sweetspot

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



D9311B



FFC4BD



D91BC6



805D58



000000



808080

Same Dimension

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



D9311B



FF1E00



D98D1B



6E6463



AD1400



2E0500

Inverse Universe

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



1BC3D9



00E1FF



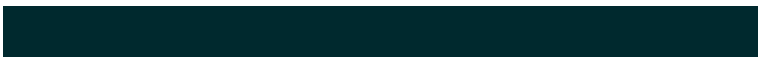
1B67D9



636C6E



0099AD



00292E

Previews

White Background



This preview shows how the Hex color D9311B looks on a white background.

Color Contrast Check

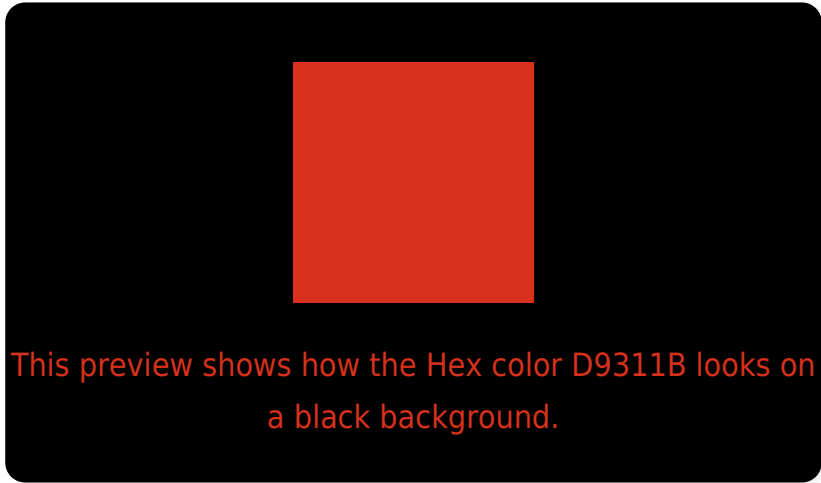
Large Text (above 18pt) WCAG AA ✓ Pass

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 D9311B Background



This preview shows how black text looks on a background with the Hex color D9311B.



This preview shows how white text looks on a background with the Hex color D9311B.

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
D9311B

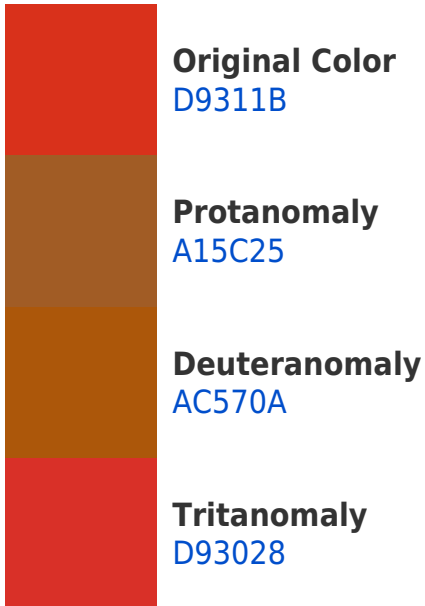
Protanopia
81742B

Deuteranopia
926D00



Tritanopia
D92F2F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9311B 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 #D9311B looks like.

```
.text, #text, p{  
    color:#D9311B  
}
```

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 #D9311B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9311B
}
```

Border

The CSS property to change the border of an element to Hex D9311B 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
#D9311B }
```

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

```
.border{ border-color:#D9311B }
```

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

Here you see how a box with a 4 pixel #D9311B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9311B; -webkit-box-shadow:4px 4px  
4px 4px #D9311B; box-shadow:4px 4px 4px  
4px #D9311B }
```

Background

The CSS property to change the background color of an element to Hex D9311B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9311B }
```

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

```
.background{ background-color:#D9311B }
```

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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