

Converting Colors

Hex(DE301B)

Have a look what the booklet for
Hex(DE301B) contains.

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Color

Hex(DE301B)

Conversions

Conversions Part 1

Format	Color
Hex	DE301B
RGB	222, 48, 27
RGB Percent	87%, 19%, 11%
CMY	0.1294, 0.8118, 0.8941
CMYK	0.00, 0.78, 0.88, 0.13
HSL	6°, 78%, 49%
HSV	6°, 88%, 87%
XYZ	31.3790, 17.7226, 2.8039
YIQ	97.6320, 110.4450, 30.3570

Conversions

Conversions Part 2

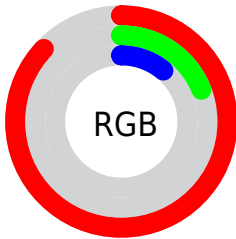
Format	Color
RYB	222, 51, 27
Decimal	14561307
CIELab	49.16, 64.72, 53.28
CIELCh	49, 83.828, 39.464
Yxy	17.7226, 0.6045, 0.3414
Android (android.graphics.Color)	4292751387 (0xFFDE301B)
YUV	97.6320, -34.8216, 109.0707
Hunter-Lab	42.0983, 59.3775, 25.5199

Details

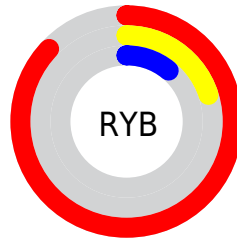
The Hex color **DE301B** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **1BC9DE**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6D4B**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DE1C05**, and if you desaturate by 10%, it is **DE4431**.

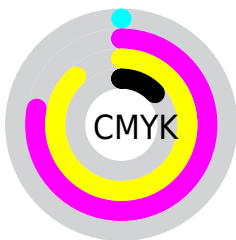
Distribution



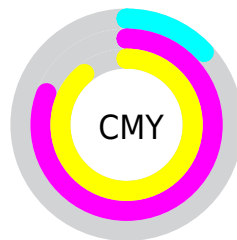
- Red (87%)
- Green (19%)
- Blue (11%)



- Red (87%)
- Yellow (20%)
- Blue (11%)



- Cyan (0%)
- Magenta (78%)
- Yellow (88%)
- Black (13%)



- Cyan (13%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE301B 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 DE301B by changing the saturation by 10% instead.

 DE301B

 DE301B

FFFFFF

 BD0001

 FF6D4B

 9D0000

 FF8A64

 7D0000

 FFA77E

 5E0000

 FFC498

 420003

 FFE1B4

 200001

 FFFFD0

 000000

 FFFFEC

 DE301B

 DE301B

 DE1C05

 DE4431

 DE1800

 DE5847

 DE6B5E

 DE7F74

 DE938A

 DEA7A0

 DEBBB6

 DECECD

 DEE2E3

Harmonies

Analogous

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



ED0062



DE301B



B55E00

Triad

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



DE301B



008F3F



0077FF

Complementary

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



DE301B



1BC9DE

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.



008AFC



DE301B



00928A

Square

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



DE301B



1B8800



0091CF



8E54E4

Rectangle

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



DE301B



907200



0091CF



007FFF

Sweetspot

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



DE301B



FFC4BD



DE1BCB



805C58



000000



808080

Same Dimension

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



DE301B



FF1B00



DE901B



706665



B01300



300500

Inverse Universe

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



1BC9DE



00E4FF



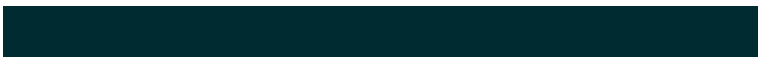
1B69DE



656F70



009DB0



002B30

Previews

White Background



This preview shows how the Hex color DE301B looks on a white background.

Color Contrast Check

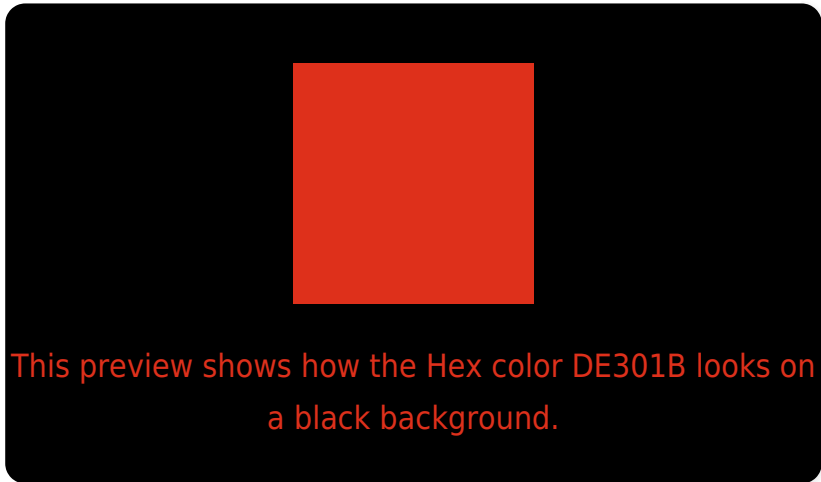
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE301B Background



This preview shows how black text looks on a background with the Hex color DE301B.



This preview shows how white text looks on a background with the Hex color DE301B.

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
DE301B

Protanopia
83762B

Deuteranopia
947000



Trichromacy



Original Color
DE301B

Protanomaly
A45D25

Deuteranomaly
AF590A

Tritanomaly
DE2F27

Monochromacy



Original Color
DE301B

Achromatopsia
626262

Achromatomaly
8F5048

CSS Examples

Text

The CSS property to change the color of the text to Hex DE301B 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 #DE301B looks like.

```
.text, #text, p{  
    color:#DE301B  
}
```

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 #DE301B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE301B
}
```

Border

The CSS property to change the border of an element to Hex DE301B is called "border". The border property can be set on classes, ids or directly on the HTML element.

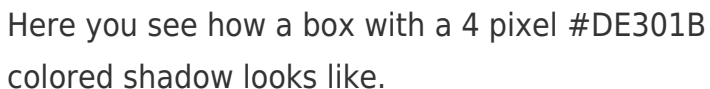
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE301B }
```

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

```
.border{ border-color:#DE301B }
```

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



Here you see how a box with a 4 pixel `#DE301B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE301B; -webkit-box-shadow:4px 4px  
4px 4px #DE301B; box-shadow:4px 4px 4px  
4px #DE301B }
```

Background

The CSS property to change the background color of an element to Hex DE301B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE301B }
```

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

```
.background{ background-color:#DE301B }
```

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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