

Converting Colors

Hex(D13001)

Have a look what the booklet for
Hex(D13001) contains.

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Color

Hex(D13001)

Conversions

Conversions Part 1

Format	Color
Hex	D13001
RGB	209, 48, 1
RGB Percent	82%, 19%, 0%
CMY	0.1804, 0.8118, 0.9961
CMYK	0.00, 0.77, 1.00, 0.18
HSL	14°, 99%, 41%
HSV	14°, 100%, 82%
XYZ	27.3569, 15.6714, 1.6117
YIQ	90.7810, 111.0430, 19.5150

Conversions

Conversions Part 2

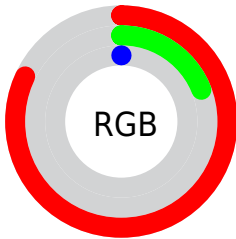
Format	Color
RYB	209, 62, 1
Decimal	13709313
CIELab	46.54, 60.56, 58.72
CIElCh	47, 84.351, 44.119
Yxy	15.6714, 0.6128, 0.3511
Android (android.graphics.Color)	4291899393 (0xFFD13001)
YUV	90.7810, -44.2620, 103.6781
Hunter-Lab	39.5871, 54.0760, 25.2971

Details

The Hex color **D13001** 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 **01A2D1**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6B39**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D12F00**, and if you desaturate by 10%, it is **D14016**.

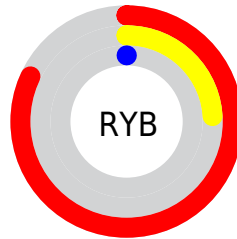
Distribution



Red (82%)

Green (19%)

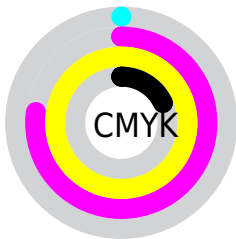
Blue (0%)



Red (82%)

Yellow (24%)

Blue (0%)

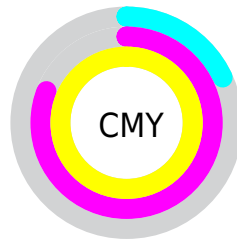


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D13001 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 D13001 by changing the saturation by 10% instead.

 D13001

 D13001

 FFFFF6

 B10100

 FF6B39

 910000

 FF8752

 710000

 FFA46C

 530001

 FFC086

 360002

 FFDEA1

 070000

 FFFBBD

 000000

 FFFFD9

 D13001

 D13001

 D12F00

 D14016

 D1502B

 D16140

 D17155

 D18169

 D1917E

 D1A193

 D1B1A8

 D1C2BD

Harmonies

Analogous

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



E50051



D13001



A55D00

Triad

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



D13001



008844



006DFA

Complementary

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



D13001



01A2D1

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.



0082F9



D13001



008B8F

Square

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



D13001



008300



008AD1



9645D6

Rectangle

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



D13001



7E6F00



008AD1



0076FE

Sweetspot

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



D13001



FFC4B3



D101A4



805C52



000000



808080

Same Dimension

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



D13001



FF3A00



D19601



69605E



A82600



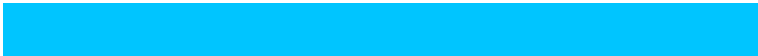
290900

Inverse Universe

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



01A2D1



00C5FF



013CD1



5E6669



0082A8



002029

Previews

White Background



This preview shows how the Hex color D13001 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 D13001 Background



This preview shows how black text looks on a background with the Hex color D13001.



This preview shows how white text looks on a background with the Hex color D13001.

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
D13001

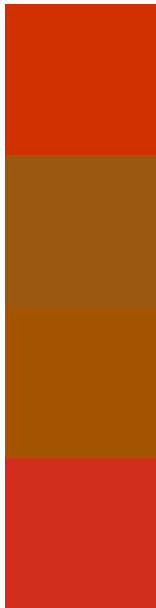
Protanopia
7D6F18

Deuteranopia
8C6A00



Tritanopia
D22D2D

Trichromacy



Original Color
D13001

Protanomaly
9C5810

Deuteranomaly
A55500

Tritanomaly
D22E1D

Monochromacy



Original Color
D13001

Achromatopsia
5B5B5B

Achromatomaly
864B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex D13001 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 #D13001 looks like.

```
.text, #text, p{  
    color:#D13001  
}
```

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 #D13001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13001
}
```

Border

The CSS property to change the border of an element to Hex D13001 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
#D13001 }
```

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

```
.border{ border-color:#D13001 }
```

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

Here you see how a box with a 4 pixel #D13001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13001; -webkit-box-shadow:4px 4px  
4px 4px #D13001; box-shadow:4px 4px 4px  
4px #D13001 }
```

Background

The CSS property to change the background color of an element to Hex D13001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13001 }
```

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

```
.background{ background-color:#D13001 }
```

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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