

Converting Colors

Hex(DD1300)

Have a look what the booklet for
Hex(DD1300) contains.

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Color

Hex(DD1300)

Conversions

Conversions Part 1

Format	Color
Hex	DD1300
RGB	221, 19, 0
RGB Percent	87%, 7%, 0%
CMY	0.1333, 0.9255, 1.0000
CMYK	0.00, 0.91, 1.00, 0.13
HSL	5°, 100%, 43%
HSV	5°, 100%, 87%
XYZ	30.0517, 15.8379, 1.4731
YIQ	77.2320, 126.4910, 36.9150

Conversions

Conversions Part 2

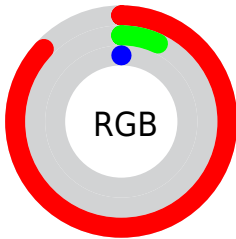
Format	Color
RYB	221, 21, 0
Decimal	14488320
CIELab	46.76, 70.11, 60.55
CIELCh	47, 92.636, 40.818
Yxy	15.8379, 0.6345, 0.3344
Android (android.graphics.Color)	4292678400 (0xFFDD1300)
YUV	77.2320, -38.0754, 126.0845
Hunter-Lab	39.7969, 65.1456, 25.6631

Details

The Hex color **DD1300** 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 **00CADD**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5E37**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DD1300**, and if you desaturate by 10%, it is **DD2716**.

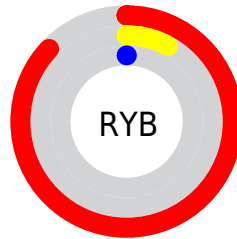
Distribution



Red (87%)

Green (7%)

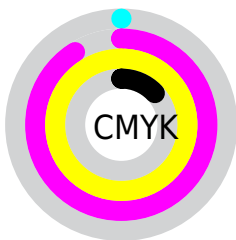
Blue (0%)



Red (87%)

Yellow (8%)

Blue (0%)

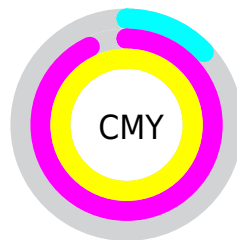


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD1300 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 DD1300 by changing the saturation by 10% instead.

 DD1300

 DD1300

 FFFFF3

 BC0000

 FF5E37

 9B0000

 FF7C50

 7B0000

 FF996A

 5B0002

 FFB684

 3E0003

 FFD49F

 1A0001

 FFF2BA

 000000

 FFFFD6

 DD1300

 DD2716

 DD3B2C

 DD5042

 DD6458

 DD786F

 DD8C85

 DDA09B

 DDB5B1

 DDC9C7

Harmonies

Analogous

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



F00057



DD1300



AF5700

Triad

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



DD1300



008A37



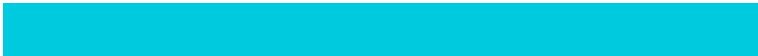
0071FF

Complementary

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



DD1300



00CADD

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.



0086FF



DD1300



008D8A

Square

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



DD1300



008400



008DD5



8D46E7

Rectangle

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



DD1300



866D00



008DD5



007AFF

Sweetspot

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



DD1300



FFB9B3



DD00CB



805652



000000



808080

Same Dimension

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



DD1300



FF1600



DD8100



6E6463



AD0F00



2E0400

Inverse Universe

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



00CADD



00E9FF



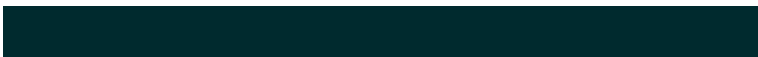
005CDD



636D6E



009EAD



002A2E

Previews

White Background



This preview shows how the Hex color DD1300 looks on a white background.

Color Contrast Check

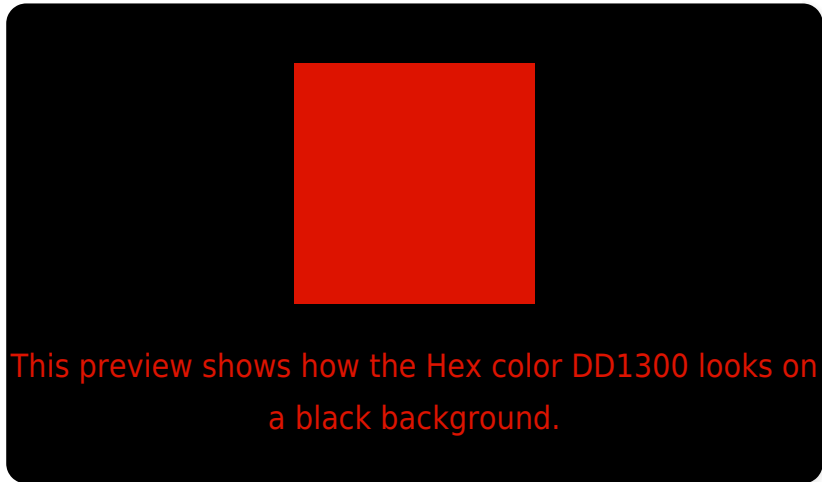
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD1300 Background



This preview shows how black text looks on a background with the Hex color DD1300.

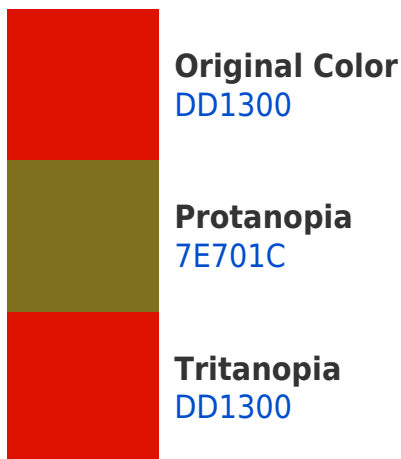


This preview shows how white text looks on a background with the Hex color DD1300.

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



Trichromacy



Original Color
DD1300

Protanomaly
A14E12

Tritanomaly
DD1300

Monochromacy



Original Color
DD1300

Achromatopsia
4D4D4D

Achromatomaly
813831

CSS Examples

Text

The CSS property to change the color of the text to Hex DD1300 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 #DD1300 looks like.

```
.text, #text, p{  
    color:#DD1300  
}
```

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 #DD1300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD1300
}
```

Border

The CSS property to change the border of an element to Hex DD1300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

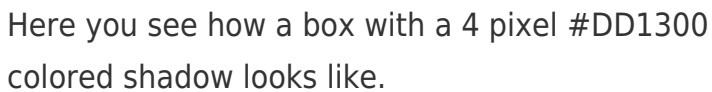
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DD1300 }
```

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

```
.border{ border-color:#DD1300 }
```

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



Here you see how a box with a 4 pixel #DD1300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD1300; -webkit-box-shadow:4px 4px  
4px 4px #DD1300; box-shadow:4px 4px 4px  
4px #DD1300 }
```

Background

The CSS property to change the background color of an element to Hex DD1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD1300 }
```

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

```
.background{ background-color:#DD1300 }
```

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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