

Converting Colors

Hex(CA1300)

Have a look what the booklet for
Hex(CA1300) contains.

Hex(CA1300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CA1300)

Conversions

Conversions Part 1

Format	Color
Hex	CA1300
RGB	202, 19, 0
RGB Percent	79%, 7%, 0%
CMY	0.2078, 0.9255, 1.0000
CMYK	0.00, 0.91, 1.00, 0.21
HSL	6°, 100%, 40%
HSV	6°, 100%, 79%
XYZ	24.5900, 13.0223, 1.2175
YIQ	71.5510, 115.1670, 32.8870

Conversions

Conversions Part 2

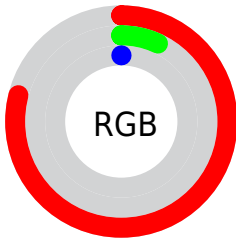
Format	Color
R_{YB}	202, 21, 0
Decimal	13243136
CIE _{Lab}	42.80, 65.16, 56.65
CIE _{LCh}	43, 86.346, 41.002
Yxy	13.0223, 0.6333, 0.3354
Android (android.graphics.Color)	4291433216 (0xFFCA1300)
YUV	71.5510, -35.2746, 114.4038
Hunter-Lab	36.0864, 58.4821, 23.2601

Details

The Hex color **CA1300** 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 **00B7CA**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5A35**, and **890000** is the 20% darker color. If you saturate the color by 10%, you get **CA1300**, and if you desaturate by 10%, it is **CA2514**.

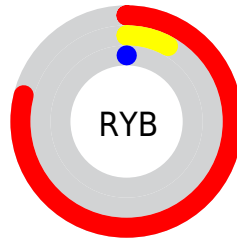
Distribution



Red (79%)

Green (7%)

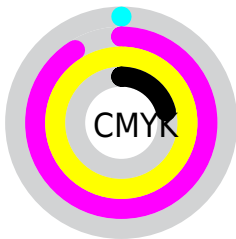
Blue (0%)



Red (79%)

Yellow (8%)

Blue (0%)

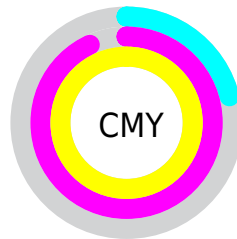


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA1300 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 CA1300 by changing the saturation by 10% instead.

 CA1300

 CA1300

 FFFFFFF0

 AA0000

 FF5A35

 890000

 FF774E

 6A0000

 FF9467

 4C0002

 FFB181

 2E0002

 FFCE9C

 000000

 FFEBB7

 FFFF00

 CA1300

 CA2514

 CA3828

 CA4A3D

 CA5C51

 CA6F65

 CA8179

 CA938D

 CAA5A2

 CAB8B6

Harmonies

Analogous

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



DB004F



CA1300



A05000

Triad

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



CA1300



007E32



0067F5

Complementary

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



CA1300



00B7CA

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.



007AEF



CA1300



00817F

Square

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



CA1300



007800



0080C3



8140D3

Rectangle

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



CA1300



7A6400



0080C3



006FF7

Sweetspot

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



CA1300



FFBAB3



CA00B9



805652



000000



808080

Same Dimension

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



CA1300



FF1800



CA7600



665D5C



A61000



260400

Inverse Universe

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



00B7CA



00E7FF



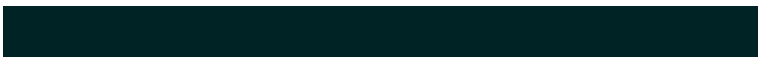
0054CA



5C6566



0096A6



002326

Previews

White Background



This preview shows how the Hex color CA1300 looks on a white background.

Color Contrast Check

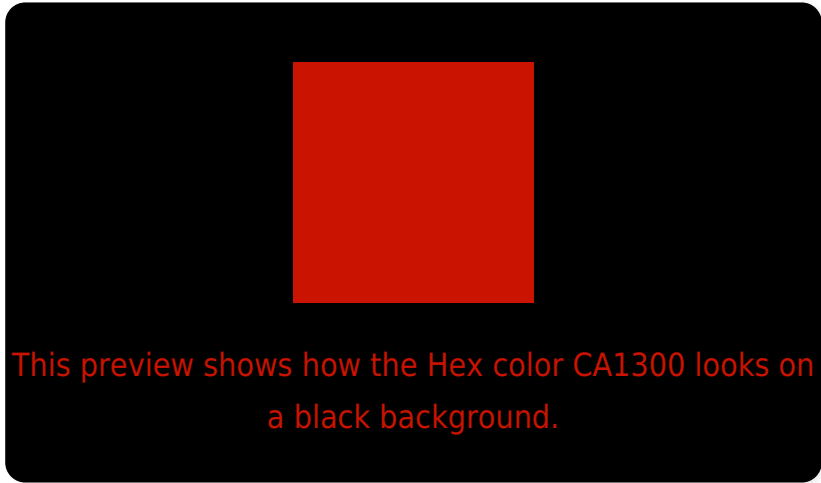
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA1300 Background



This preview shows how black text looks on a background with the Hex color CA1300.



This preview shows how white text looks on a background with the Hex color CA1300.

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

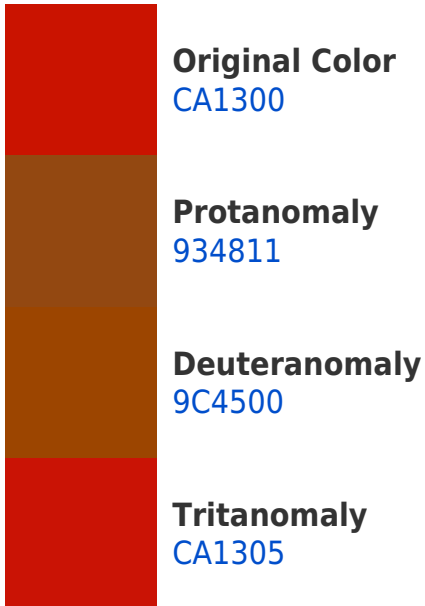


Original Color
CA1300

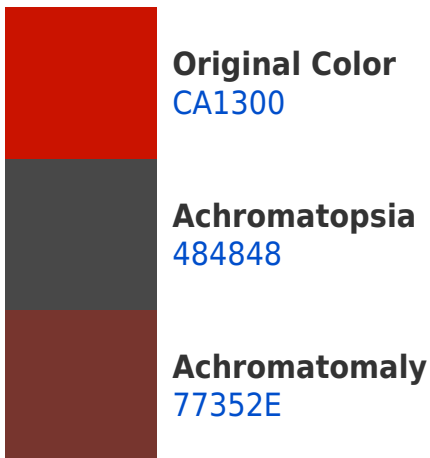
Protanopia
73671A

Deuteranopia
816200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA1300 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 #CA1300 looks like.

```
.text, #text, p{  
    color:#CA1300  
}
```

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 #CA1300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA1300 }  
}
```

Border

The CSS property to change the border of an element to Hex CA1300 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".

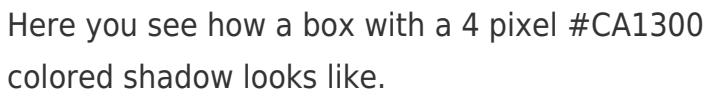
```
.border, #border, table{ border:4px solid #CA1300 }  
}
```

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

```
.border{ border-color:#CA1300 }
```

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

Here you see how a box with a 4 pixel #CA1300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA1300; -webkit-box-shadow:4px 4px  
4px 4px #CA1300; box-shadow:4px 4px 4px  
4px #CA1300 }
```

Background

The CSS property to change the background color of an element to Hex CA1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA1300 }
```

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

```
.background{ background-color:#CA1300 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor