

Converting Colors

Hex(C13800)

Have a look what the booklet for
Hex(C13800) contains.

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Color

Hex(C13800)

Conversions

Conversions Part 1

Format	Color
Hex	C13800
RGB	193, 56, 0
RGB Percent	76%, 22%, 0%
CMY	0.2431, 0.7804, 1.0000
CMYK	0.00, 0.71, 1.00, 0.24
HSL	17°, 100%, 38%
HSV	17°, 100%, 76%
XYZ	23.4065, 14.1658, 1.5006
YIQ	90.5790, 99.6280, 11.6280

Conversions

Conversions Part 2

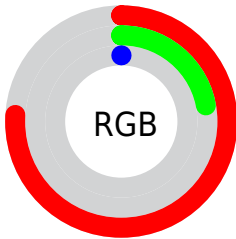
Format	Color
R_{YB}	193, 79, 0
Decimal	12662784
CIE _{Lab}	44.47, 52.76, 56.31
CIE _{LCh}	44, 77.161, 46.864
Yxy	14.1658, 0.5990, 0.3625
Android (android.graphics.Color)	4290852864 (0xFFC13800)
YUV	90.5790, -44.6554, 89.8232
Hunter-Lab	37.6375, 45.1423, 23.9823

Details

The Hex color **C13800** 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 **0089C1**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6F38**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C13800**, and if you desaturate by 10%, it is **C14613**.

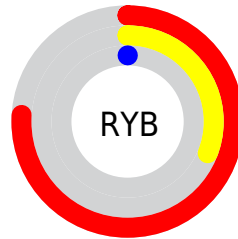
Distribution



Red (76%)

Green (22%)

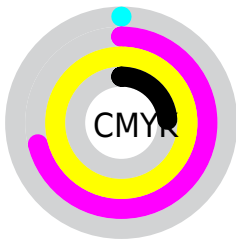
Blue (0%)



Red (76%)

Yellow (31%)

Blue (0%)

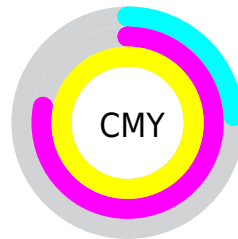


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C13800 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 C13800 by changing the saturation by 10% instead.

 C13800

 C13800

 FFFFFFF4

 A21800

 FF6F38

 820000

 FF8B51

 630000

 FFA66B

 460001

 FFC385

 2A0001

 FFE0A0

 000000

 FFFDBB

 FFFFFD7

 C13800

 C14613

 C15327

 C1613A

 C16F4D

 C17D61

 C18A74

 C19887

 C1A69A

 C1B3AE

Harmonies

Analogous

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



D50049



C13800



985C00

Triad

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



C13800



00824A



0065E6

Complementary

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



C13800



0089C1

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.



0079E8



C13800



00848D

Square

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



C13800



007D00



0082C7



9641C2

Rectangle

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



C13800



746C00



0082C7



006DEB

Sweetspot

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



C13800



FAC5AF



C1008A



7D5D50



FCFCFC



7D7D7D

Same Dimension

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



C13800



FA4900



C19700



615A57



A12F00



210A00

Inverse Universe

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



0089C1



00B1FA



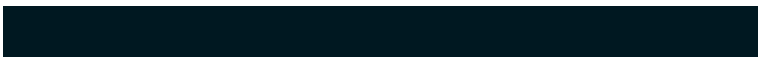
002AC1



575E61



0072A1



001821

Previews

White Background



This preview shows how the Hex color C13800 looks on a white background.

Color Contrast Check

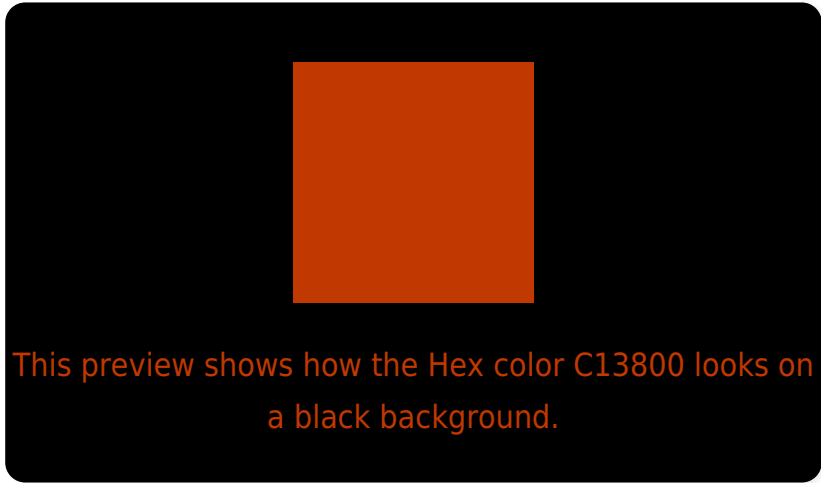
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13800 Background



This preview shows how black text looks on a background with the Hex color C13800.

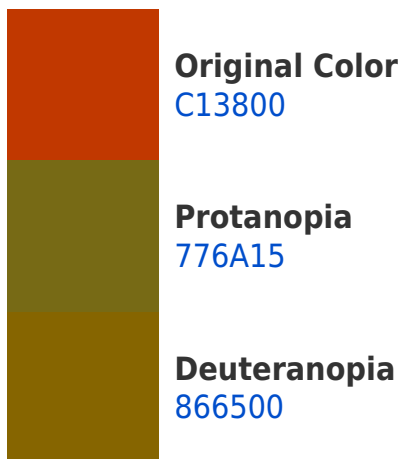



This preview shows how white text looks on a background with the Hex color C13800.

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](#).

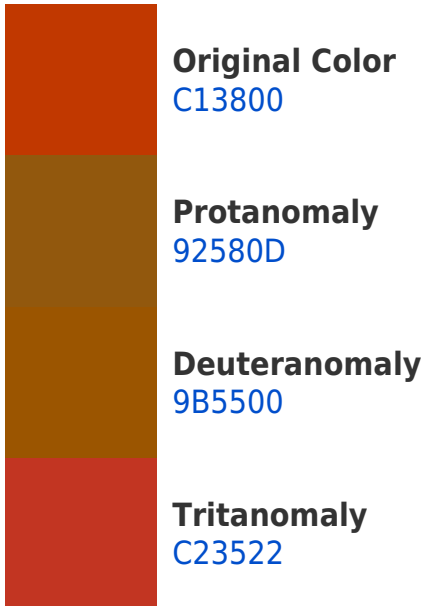
Dichromacy





Tritanopia
C23436

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C13800 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 #C13800 looks like.

```
.text, #text, p{  
    color:#C13800  
}
```

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 #C13800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13800
}
```

Border

The CSS property to change the border of an element to Hex C13800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

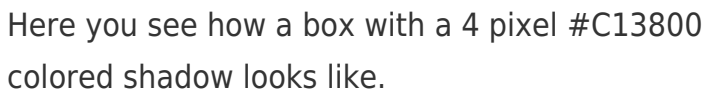
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C13800 }
```

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

```
.border{ border-color:#C13800 }
```

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



Here you see how a box with a 4 pixel `#C13800` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13800; -webkit-box-shadow:4px 4px  
4px 4px #C13800; box-shadow:4px 4px 4px  
4px #C13800 }
```

Background

The CSS property to change the background color of an element to Hex C13800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13800 }
```

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

```
.background{ background-color:#C13800 }
```

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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