

Converting Colors

Hex(CC1200)

Have a look what the booklet for
Hex(CC1200) contains.

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Color

Hex(CC1200)

Conversions

Conversions Part 1

Format	Color
Hex	CC1200
RGB	204, 18, 0
RGB Percent	80%, 7%, 0%
CMY	0.2000, 0.9294, 1.0000
CMYK	0.00, 0.91, 1.00, 0.20
HSL	5°, 100%, 40%
HSV	5°, 100%, 80%
XYZ	25.1181, 13.2700, 1.2375
YIQ	71.5620, 116.6340, 33.8340

Conversions

Conversions Part 2

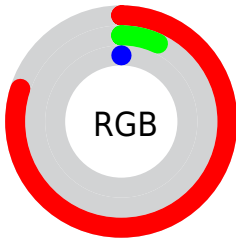
Format	Color
RYB	204, 20, 0
Decimal	13373952
CIELab	43.17, 65.83, 57.05
CIElCh	43, 87.109, 40.910
Yxy	13.2700, 0.6339, 0.3349
Android (android.graphics.Color)	4291564032 (0xFFCC1200)
YUV	71.5620, -35.2801, 116.1481
Hunter-Lab	36.4280, 59.3319, 23.4855

Details

The Hex color **CC1200** 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 **00BACC**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5A35**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **CC1200**, and if you desaturate by 10%, it is **CC2514**.

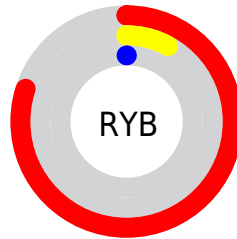
Distribution



Red (80%)

Green (7%)

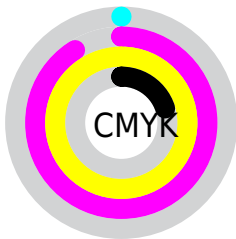
Blue (0%)



Red (80%)

Yellow (8%)

Blue (0%)

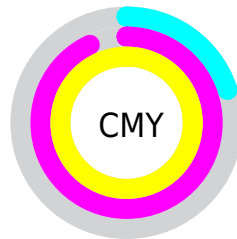


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC1200 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 CC1200 by changing the saturation by 10% instead.

 CC1200

 CC1200

 FFFFFFF0

 AC0000

 FF5A35

 8B0000

 FF774E

 6C0000

 FF9467

 4E0002

 FFB181

 2F0002

 FFCE9C

 000000

 FFECB7

 FFFFD3

 CC1200

 CC2514

 CC3729

 CC4A3D

 CC5C52

 CC6F66

 CC827A

 CC948F

 CCA7A3

 CCB9B8

Harmonies

Analogous

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



DE0050



CC1200



A15000

Triad

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



CC1200



007F32



0068F7

Complementary

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



CC1200



00BACC

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.



007BF1



CC1200



008280

Square

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



CC1200



007900



0082C4



8240D5

Rectangle

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



CC1200



7B6400



0082C4



0070FA

Sweetspot

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



CC1200



FFB9B3



CC00BB



805652



000000



808080

Same Dimension

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



CC1200



FF1700



CC7700



665D5C



A60F00



260300

Inverse Universe

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



00BACC



00E9FF



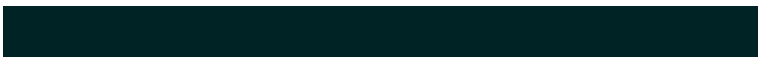
0055CC



5C6566



0097A6



002326

Previews

White Background



This preview shows how the Hex color CC1200 looks on a white background.

Color Contrast Check

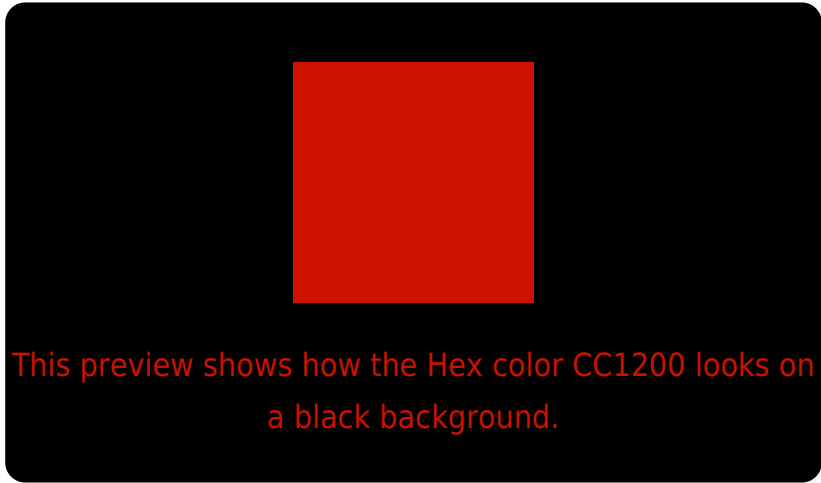
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC1200 Background



This preview shows how black text looks on a background with the Hex color CC1200.



This preview shows how white text looks on a background with the Hex color CC1200.

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

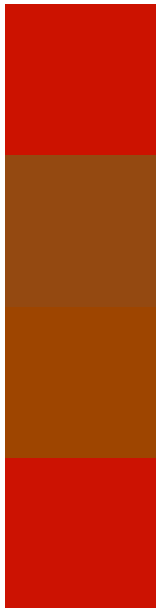


Original Color
CC1200

Protanopia
74681A

Deuteranopia
836200

Trichromacy



Original Color
CC1200

Protanomaly
944911

Deuteranomaly
9E4500

Tritanomaly
CC1202

Monochromacy



Original Color
CC1200

Achromatopsia
484848

Achromatomaly
78342E

CSS Examples

Text

The CSS property to change the color of the text to Hex CC1200 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 #CC1200 looks like.

```
.text, #text, p{  
    color:#CC1200  
}
```

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 #CC1200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC1200
}
```

Border

The CSS property to change the border of an element to Hex CC1200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

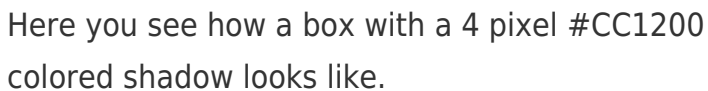
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC1200 }
```

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

```
.border{ border-color:#CC1200 }
```

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



Here you see how a box with a 4 pixel `#CC1200` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC1200; -webkit-box-shadow:4px 4px  
4px 4px #CC1200; box-shadow:4px 4px 4px  
4px #CC1200 }
```

Background

The CSS property to change the background color of an element to Hex CC1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC1200 }
```

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

```
.background{ background-color:#CC1200 }
```

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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