

Converting Colors

Hex(CD2100)

Have a look what the booklet for
Hex(CD2100) contains.

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Color

Hex(CD2100)

Conversions

Conversions Part 1

Format	Color
Hex	CD2100
RGB	205, 33, 0
RGB Percent	80%, 13%, 0%
CMY	0.1961, 0.8706, 1.0000
CMYK	0.00, 0.84, 1.00, 0.20
HSL	10°, 100%, 40%
HSV	10°, 100%, 80%
XYZ	25.7207, 14.0668, 1.3595
YIQ	80.6660, 113.1050, 26.2010

Conversions

Conversions Part 2

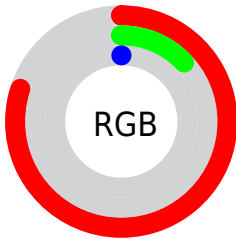
Format	Color
RYB	205, 39, 0
Decimal	13443328
CIELab	44.33, 63.37, 57.62
CIElCh	44, 85.648, 42.277
Yxy	14.0668, 0.6251, 0.3419
Android (android.graphics.Color)	4291633408 (0xFFCD2100)
YUV	80.6660, -39.7683, 109.0409
Hunter-Lab	37.5058, 56.7764, 24.1049

Details

The Hex color **CD2100** 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 **00ACCD**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF6136**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CD2100**, and if you desaturate by 10%, it is **CD3214**.

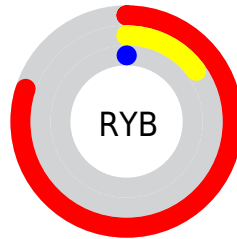
Distribution



Red (80%)

Green (13%)

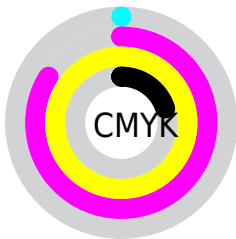
Blue (0%)



Red (80%)

Yellow (15%)

Blue (0%)

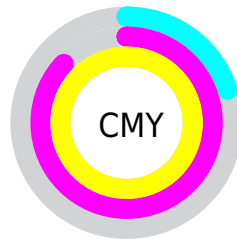


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD2100 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 CD2100 by changing the saturation by 10% instead.

 CD2100

 CD2100

 FFFFF2

 AD0000

 FF6136

 8C0000

 FF7E4F

 6D0000

 FF9A69

 4F0002

 FFB783

 310002

 FFD49E

 000000

 FFF2B9

 FFFF5D

 CD2100

 CD3214

 CD4329

 CD553E

 CD6652

 CD7767

 CD887B

 CD9990

 CDABA4

 CDBCB9

Harmonies

Analogous

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



DF0050



CD2100



A25500

Triad

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



CD2100



00823A



0069F7

Complementary

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



CD2100



00ACCD

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.



007DF3



CD2100



008585

Square

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



CD2100



007C00



0084C9



8A42D4

Rectangle

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



CD2100



7C6800



0084C9



0072FA

Sweetspot

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



CD2100



FFBFB3



CD00AE



805952



000000



808080

Same Dimension

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



CD2100



FF2900



CD8500



665D5C



A61B00



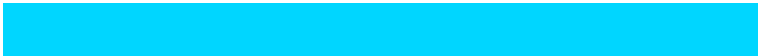
260600

Inverse Universe

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



00ACCD



00D6FF



0048CD



5C6466



008BA6



002026

Previews

White Background



This preview shows how the Hex color CD2100 looks on a white background.

Color Contrast Check

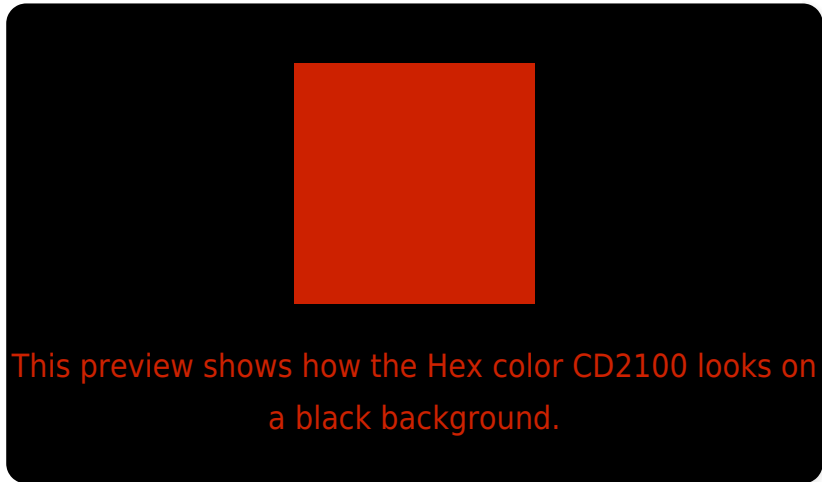
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD2100 Background



This preview shows how black text looks on a background with the Hex color CD2100.



This preview shows how white text looks on a background with the Hex color CD2100.

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

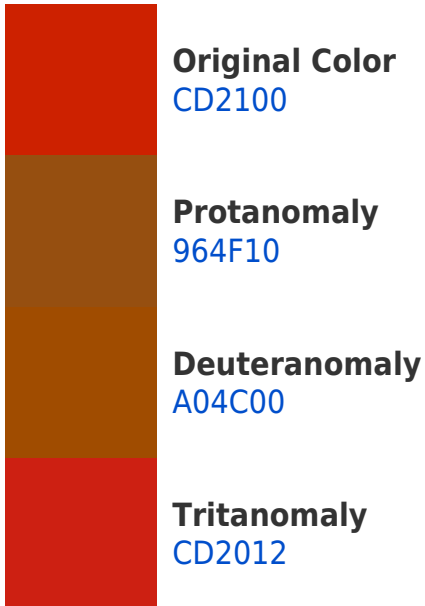


Original Color
CD2100

Protanopia
776A19

Deuteranopia
866500

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD2100 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 #CD2100 looks like.

```
.text, #text, p{  
    color:#CD2100  
}
```

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 #CD2100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD2100  
}
```

Border

The CSS property to change the border of an element to Hex CD2100 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  
#CD2100 }
```

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

```
.border{ border-color:#CD2100 }
```

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

Here you see how a box with a 4 pixel #CD2100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD2100; -webkit-box-shadow:4px 4px  
4px 4px #CD2100; box-shadow:4px 4px 4px  
4px #CD2100 }
```

Background

The CSS property to change the background color of an element to Hex CD2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD2100 }
```

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

```
.background{ background-color:#CD2100 }
```

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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