

Converting Colors

Hex(CD2C18)

Have a look what the booklet for
Hex(CD2C18) contains.

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Color

Hex(CD2C18)

Conversions

Conversions Part 1

Format	Color
Hex	CD2C18
RGB	205, 44, 24
RGB Percent	80%, 17%, 9%
CMY	0.1961, 0.8275, 0.9059
CMYK	0.00, 0.79, 0.88, 0.20
HSL	7°, 79%, 45%
HSV	7°, 88%, 80%
XYZ	26.2424, 14.8464, 2.3467
YIQ	89.8590, 102.3760, 27.9120

Conversions

Conversions Part 2

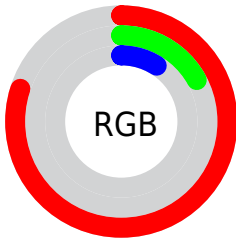
Format	Color
RYB	205, 46, 24
Decimal	13446168
CIELab	45.42, 60.83, 50.24
CIELCh	45, 78.894, 39.558
Yxy	14.8464, 0.6042, 0.3418
Android (android.graphics.Color)	4291636248 (0xFFCD2C18)
YUV	89.8590, -32.4685, 100.9787
Hunter-Lab	38.5311, 54.1417, 23.3608

Details

The Hex color **CD2C18** 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 **18B9CD**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6848**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CD1A04**, and if you desaturate by 10%, it is **CD3E2D**.

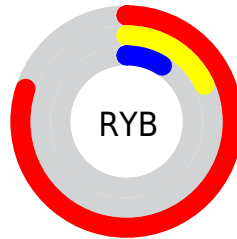
Distribution



Red (80%)

Green (17%)

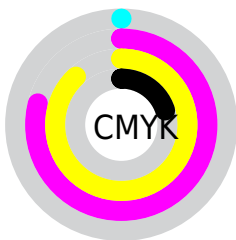
Blue (9%)



Red (80%)

Yellow (18%)

Blue (9%)

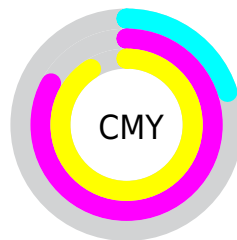


Cyan (0%)

Magenta (79%)

Yellow (88%)

Black (20%)



Cyan (20%)

Magenta (83%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD2C18 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 CD2C18 by changing the saturation by 10% instead.

 CD2C18

 CD2C18

FFFFFF

 AD0000

 FF6848

 8D0000

 FF8460

 6E0000

 FFA17A

 500001

 FFBD94

 330002

 FFDBAF

 000000

 FFF8CB

 FFFFE7

 CD2C18

 CD2C18

■ CD1A04

■ CD3E2D

■ CD1700

■ CD5041

■ CD6356

■ CD756A

■ CD877E

■ CD9993

■ CDACA8

■ CDBEBC

■ CDD0D1

Harmonies

Analogous

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



DB005A



CD2C18



A75700

Triad

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



CD2C18



00843A



006EFO

Complementary

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



CD2C18



18B9CD

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.



007FE9



CD2C18



008680

Square

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



CD2C18



177D00



0086BF



834DD3

Rectangle

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



CD2C18



846900



0086BF



0075F2

Sweetspot

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



CD2C18



FFC4BD



CD18BB



805C58



000000



808080

Same Dimension

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



CD2C18



FF1C00



CD8518



665D5C



A61200



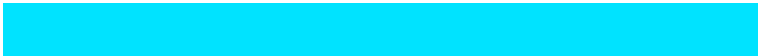
260400

Inverse Universe

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



18B9CD



00E3FF



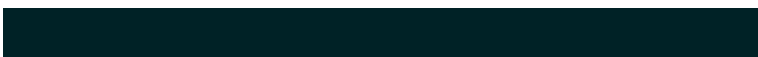
1860CD



5C6566



0093A6



002226

Previews

White Background



This preview shows how the Hex color CD2C18 looks on a white background.

Color Contrast Check

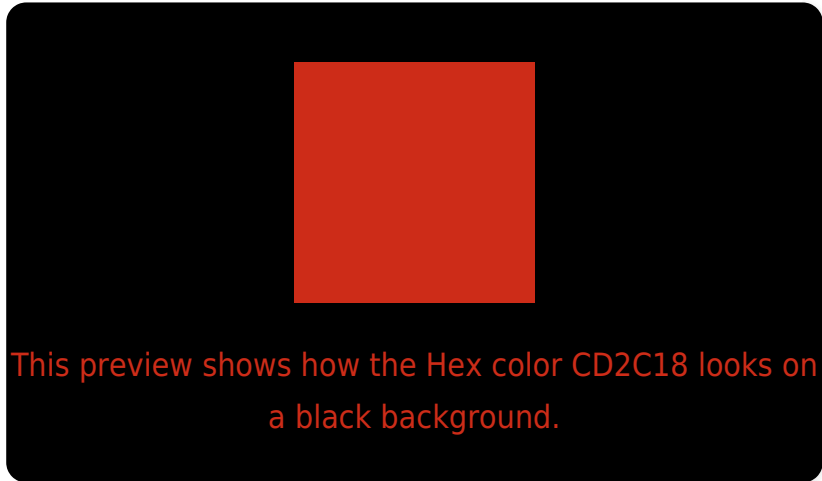
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD2C18 Background



This preview shows how black text looks on a background with the Hex color CD2C18.



This preview shows how white text looks on a background with the Hex color CD2C18.

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
CD2C18

Protanopia
796D27

Deuteranopia
896700

Trichromacy



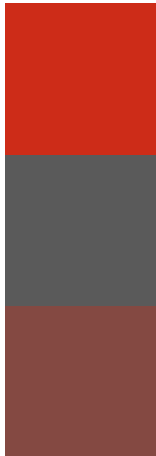
Original Color
CD2C18

Protanomaly
985522

Deuteranomaly
A25209

Tritanomaly
CD2B23

Monochromacy



Original Color
CD2C18

Achromatopsia
5A5A5A

Achromatomaly
844942

CSS Examples

Text

The CSS property to change the color of the text to Hex CD2C18 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 #CD2C18 looks like.

```
.text, #text, p{  
    color:#CD2C18  
}
```

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 #CD2C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD2C18
}
```

Border

The CSS property to change the border of an element to Hex CD2C18 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
#CD2C18 }
```

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

```
.border{ border-color:#CD2C18 }
```

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

Here you see how a box with a 4 pixel #CD2C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD2C18; -webkit-box-shadow:4px 4px  
4px 4px #CD2C18; box-shadow:4px 4px 4px  
4px #CD2C18 }
```

Background

The CSS property to change the background color of an element to Hex CD2C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD2C18 }
```

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

```
.background{ background-color:#CD2C18 }
```

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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