

Converting Colors

Hex(D30400)

Have a look what the booklet for
Hex(D30400) contains.

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Color

Hex(D30400)

Conversions

Conversions Part 1

Format	Color
Hex	D30400
RGB	211, 4, 0
RGB Percent	83%, 2%, 0%
CMY	0.1725, 0.9843, 1.0000
CMYK	0.00, 0.98, 1.00, 0.17
HSL	1°, 100%, 41%
HSV	1°, 100%, 83%
XYZ	26.9074, 13.9357, 1.2717
YIQ	65.4370, 124.6560, 42.6400

Conversions

Conversions Part 2

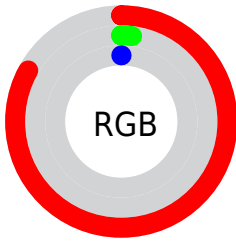
Format	Color
RYB	211, 4, 0
Decimal	13829120
CIELab	44.14, 69.08, 58.31
CIElCh	44, 90.403, 40.169
Yxy	13.9357, 0.6389, 0.3309
Android (android.graphics.Color)	4292019200 (0xFFD30400)
YUV	65.4370, -32.2604, 127.6588
Hunter-Lab	37.3306, 63.3319, 24.1117

Details

The Hex color **D30400** 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 **00CFD3**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FF5835**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D30400**, and if you desaturate by 10%, it is **D31915**.

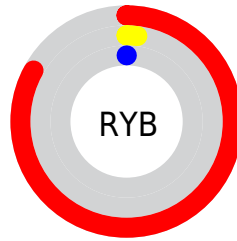
Distribution



Red (83%)

Green (2%)

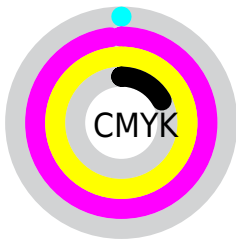
Blue (0%)



Red (83%)

Yellow (2%)

Blue (0%)

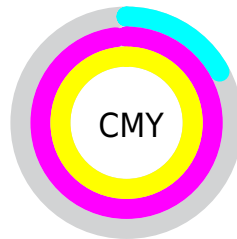


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D30400 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 D30400 by changing the saturation by 10% instead.

 D30400

 D30400

 FFFFF0

 B20000

 FF5835

 920000

 FF754E

 720000

 FF9367

 530002

 FFB081

 350002

 FFCD9C

 020000

 FFEBB8

 000000

 FFFFD4

 D30400

 D31915

 D32D2A

 D3423F

 D35754

 D36B6A

 D3807F

 D39594

 D3AAA9

 D3BEBE

Harmonies

Analogous

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



E50053



D30400



A75100

Triad

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



D30400



008230



006BFF

Complementary

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



D30400



00CFD3

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.



007FF9



D30400



008581

Square

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



D30400



007C00



0085C9



8242DE

Rectangle

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



D30400



7F6600



0085C9



0074FF

Sweetspot

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



D30400



FFB4B3



D300CF



805252



000000



808080

Same Dimension

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



D30400



FF0500



D36D00



695E5E



A80300



290100

Inverse Universe

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



00CFD3



00FAFF



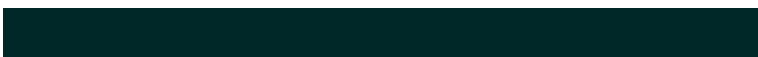
0066D3



5E6869



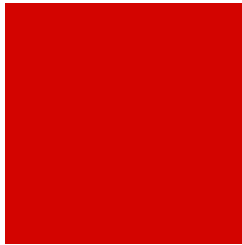
00A5A8



002829

Previews

White Background



This preview shows how the Hex color D30400 looks on a white background.

Color Contrast Check

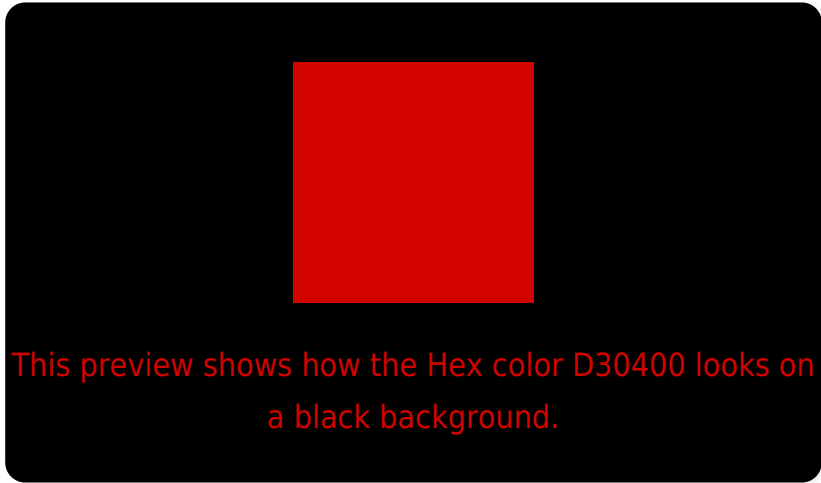
Large Text (above 18pt) WCAG AA ✓ Pass

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 D30400 Background



This preview shows how black text looks on a background with the Hex color D30400.



This preview shows how white text looks on a background with the Hex color D30400.

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
D30400

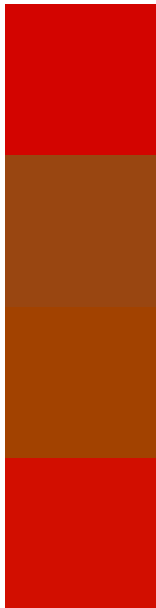
Protanopia
786B1B

Deuteranopia
866500



Tritanopia
D11400

Trichromacy



Original Color
D30400

Protanomaly
994611

Deuteranomaly
A24200

Tritanomaly
D20E00

Monochromacy



Original Color
D30400

Achromatopsia
414141

Achromatomaly
762B29

CSS Examples

Text

The CSS property to change the color of the text to Hex D30400 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 #D30400 looks like.

```
.text, #text, p{  
    color:#D30400  
}
```

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 #D30400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30400
}
```

Border

The CSS property to change the border of an element to Hex D30400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

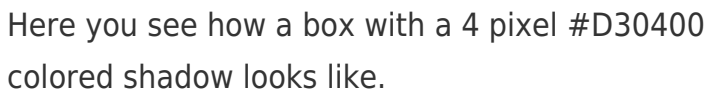
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D30400 }
```

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

```
.border{ border-color:#D30400 }
```

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



Here you see how a box with a 4 pixel #D30400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30400; -webkit-box-shadow:4px 4px  
4px 4px #D30400; box-shadow:4px 4px 4px  
4px #D30400 }
```

Background

The CSS property to change the background color of an element to Hex D30400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30400 }
```

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

```
.background{ background-color:#D30400 }
```

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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