

Converting Colors

Hex(D34000)

Have a look what the booklet for
Hex(D34000) contains.

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Color

Hex(D34000)

Conversions

Conversions Part 1

Format	Color
Hex	D34000
RGB	211, 64, 0
RGB Percent	83%, 25%, 0%
CMY	0.1725, 0.7490, 1.0000
CMYK	0.00, 0.70, 1.00, 0.17
HSL	18°, 100%, 41%
HSV	18°, 100%, 83%
XYZ	28.6974, 17.5157, 1.8683
YIQ	100.6570, 108.1560, 11.2600

Conversions

Conversions Part 2

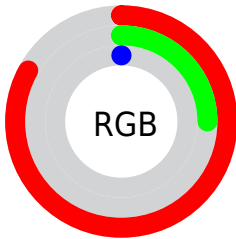
Format	Color
RYB	211, 92, 0
Decimal	13844480
CIELab	48.90, 55.68, 60.32
CIElCh	49, 82.085, 47.291
Yxy	17.5157, 0.5968, 0.3643
Android (android.graphics.Color)	4292034560 (0xFFD34000)
YUV	100.6570, -49.6239, 96.7708
Hunter-Lab	41.8517, 49.1553, 26.6494

Details

The Hex color **D34000** 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 **0093D3**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF783B**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D34000**, and if you desaturate by 10%, it is **D34F15**.

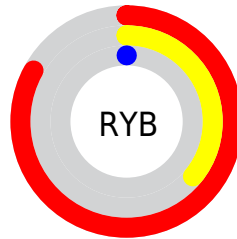
Distribution



Red (83%)

Green (25%)

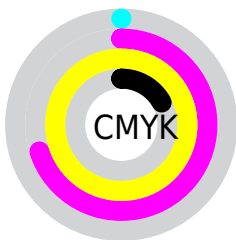
Blue (0%)



Red (83%)

Yellow (36%)

Blue (0%)

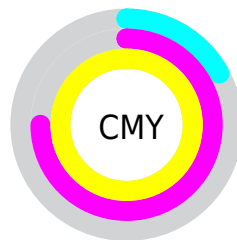


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D34000 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 D34000 by changing the saturation by 10% instead.

 D34000

 D34000

 FFFFFFF9

 B32100

 FF783B

 930000

 FF9354

 740000

 FFB06E

 550000

 FFCC89

 3A0002

 FFE9A4

 120000

 FFFFC0

 000000

 FFFFDC

 D34000

 D34F15

 D35D2A

 D36C3F

 D37B54

 D38A6A

 D3987F

 D3A794

 D3B6A9

 D3C4BE

Harmonies

Analogous

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



E90050



D34000



A66600

Triad

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



D34000



008F53



006FFB

Complementary

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



D34000



0093D3

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.



0086FE



D34000



00919C

Square

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



D34000



008900



008FDA



A648D4

Rectangle

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



D34000



7F7700



008FDA



0078FF

Sweetspot

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



D34000



FFCAB3



D30094



806052



000000



808080

Same Dimension

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



D34000



FF4D00



D3A900



69615E



A83300



290C00

Inverse Universe

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



0093D3



00B2FF



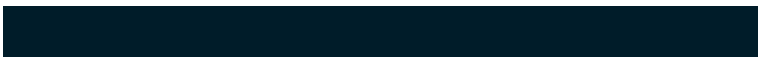
002AD3



5E6569



0075A8



001C29

Previews

White Background



This preview shows how the Hex color D34000 looks on a white background.

Color Contrast Check

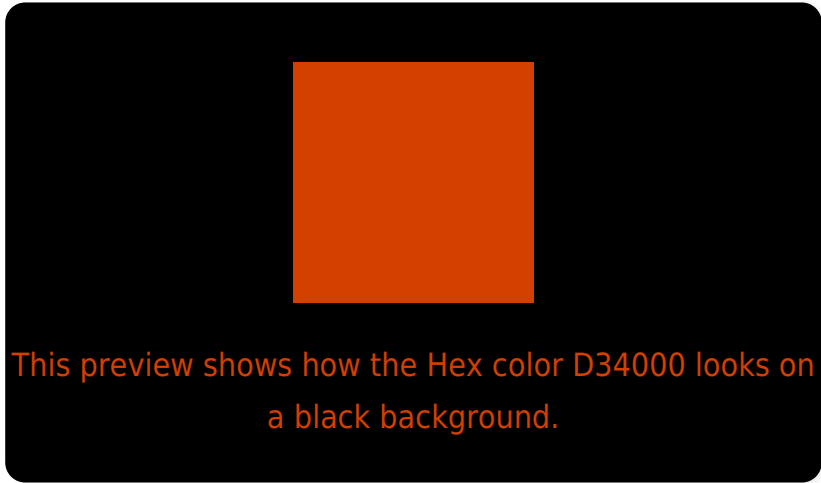
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D34000 Background



This preview shows how black text looks on a background with the Hex color D34000.



This preview shows how white text looks on a background with the Hex color D34000.

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
D34000

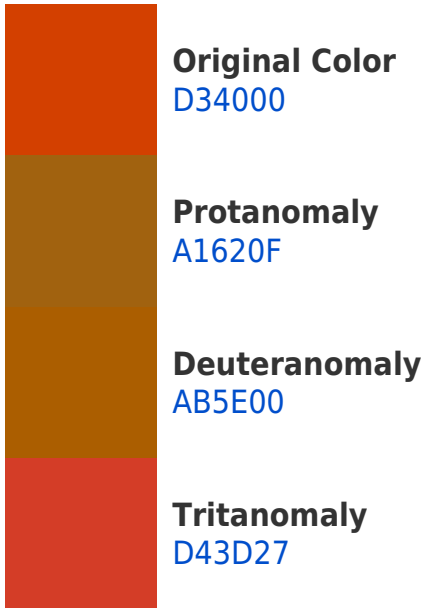
Protanopia
847517

Deuteranopia
946F00



Tritanopia
D43C3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D34000 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 #D34000 looks like.

```
.text, #text, p{  
    color:#D34000  
}
```

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 #D34000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D34000
}
```

Border

The CSS property to change the border of an element to Hex D34000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

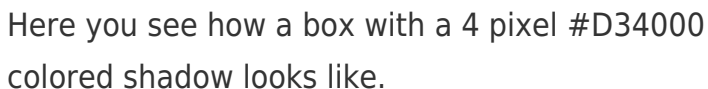
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D34000 }
```

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

```
.border{ border-color:#D34000 }
```

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



Here you see how a box with a 4 pixel #D34000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D34000; -webkit-box-shadow:4px 4px  
4px 4px #D34000; box-shadow:4px 4px 4px  
4px #D34000 }
```

Background

The CSS property to change the background color of an element to Hex D34000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D34000 }
```

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

```
.background{ background-color:#D34000 }
```

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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