

Converting Colors

Hex(D44900)

Have a look what the booklet for
Hex(D44900) contains.

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Color

Hex(D44900)

Conversions

Conversions Part 1

Format	Color
Hex	D44900
RGB	212, 73, 0
RGB Percent	83%, 29%, 0%
CMY	0.1686, 0.7137, 1.0000
CMYK	0.00, 0.66, 1.00, 0.17
HSL	21°, 100%, 42%
HSV	21°, 100%, 83%
XYZ	29.5339, 18.7621, 2.0648
YIQ	106.2390, 106.2770, 6.7650

Conversions

Conversions Part 2

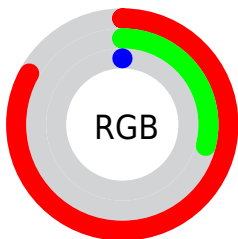
Format	Color
RYB	212, 111, 0
Decimal	13912320
CIELab	50.41, 52.42, 61.16
CIELCh	50, 80.552, 49.401
Yxy	18.7621, 0.5864, 0.3726
Android (android.graphics.Color)	4292102400 (0xFFD44900)
YUV	106.2390, -52.3758, 92.7524
Hunter-Lab	43.3153, 45.9060, 27.4943

Details

The Hex color **D44900** 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 **008BD4**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF803C**, and **940500** is the 20% darker color. If you saturate the color by 10%, you get **D44900**, and if you desaturate by 10%, it is **D45715**.

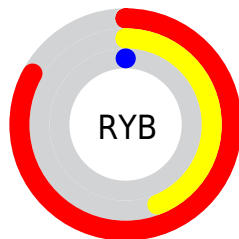
Distribution



Red (83%)

Green (29%)

Blue (0%)



Red (83%)

Yellow (44%)

Blue (0%)

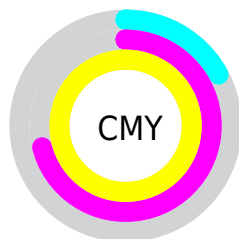


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D44900 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 D44900 by changing the saturation by 10% instead.

 D44900

 D44900

 FFFFFB

 B42D00

 FF803C

 940500

 FF9B56

 750000

 FFB770

 570000

 FFD48B

 3C0002

 FFF1A6

 170000

 FFFFC2

 000000

 FFFFDE

 D44900

 D45715

 D4652A

 D47340

 D48155

 D48F6A

 D49C7F

 D4AA94

 D4B8AA

 D4C6BF

Harmonies

Analogous

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



EC114F



D44900



A66C00

Triad

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



D44900



00935C



0071FB

Complementary

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



D44900



008BD4

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.



0088FF



D44900



0095A4

Square

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



D44900



008E03



0092E0



AF4AD3

Rectangle

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



D44900



7F7C00



0092E0



007AFF

Sweetspot

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



D44900



FFCDB3



D4008D



806152



000000



808080

Same Dimension

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



D44900



FF5800



D4B100



6B6460



AB3B00



2B0F00

Inverse Universe

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



008BD4



00A7FF



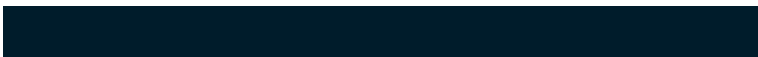
0023D4



60676B



0070AB



001C2B

Previews

White Background



This preview shows how the Hex color D44900 looks on a white background.

Color Contrast Check

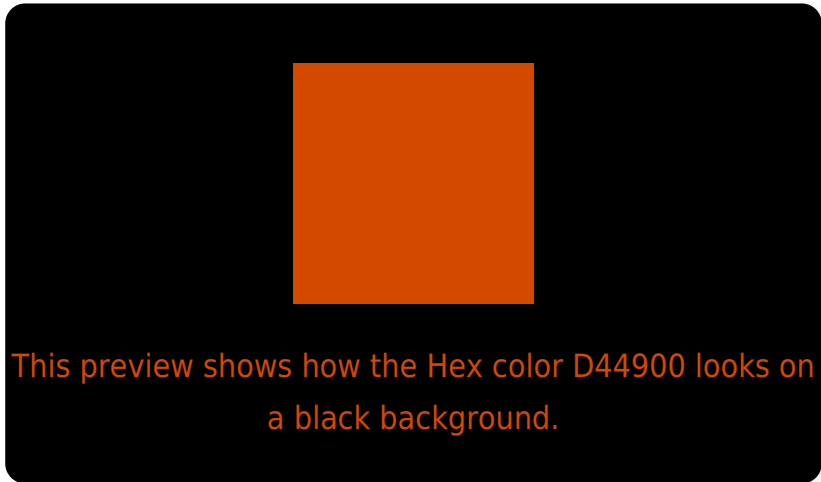
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 D44900 Background



This preview shows how black text looks on a background with the Hex color D44900.

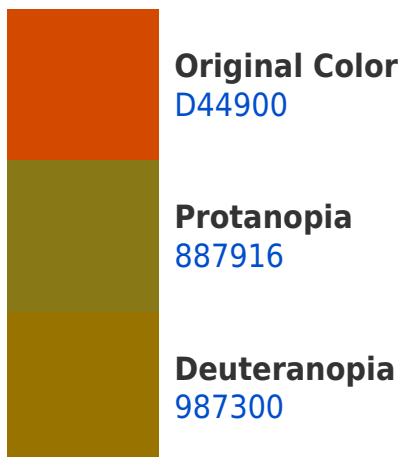


This preview shows how white text looks on a background with the Hex color D44900.

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](#).

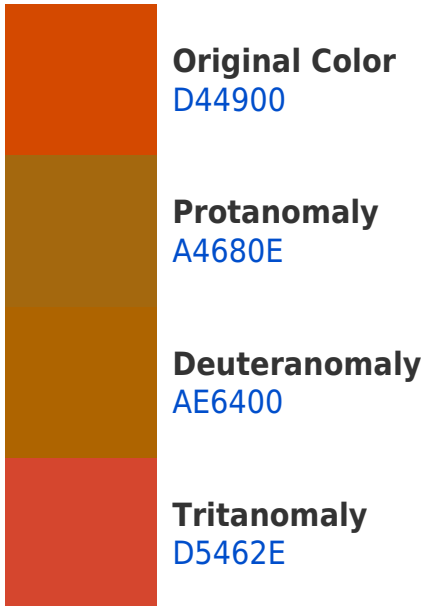
Dichromacy



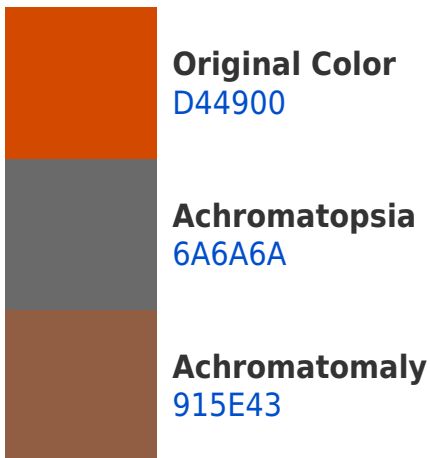


Tritanopia
D54448

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D44900 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 #D44900 looks like.

```
.text, #text, p{  
    color:#D44900  
}
```

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 #D44900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D44900
}
```

Border

The CSS property to change the border of an element to Hex D44900 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".

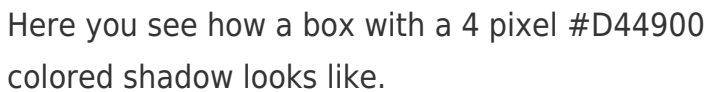
```
.border, #border, table{ border:4px solid
#D44900 }
```

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

```
.border{ border-color:#D44900 }
```

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

Here you see how a box with a 4 pixel #D44900 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D44900; -webkit-box-shadow:4px 4px  
4px 4px #D44900; box-shadow:4px 4px 4px  
4px #D44900 }
```

Background

The CSS property to change the background color of an element to Hex D44900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D44900 }
```

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

```
.background{ background-color:#D44900 }
```

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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