

# Converting Colors

Hex(D23900)

Have a look what the booklet for  
Hex(D23900) contains.

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**Color**

**Hex(D23900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D23900
RGB	210, 57, 0
RGB Percent	82%, 22%, 0%
CMY	0.1765, 0.7765, 1.0000
CMYK	0.00, 0.73, 1.00, 0.18
HSL	16°, 100%, 41%
HSV	16°, 100%, 82%
XYZ	28.0415, 16.6279, 1.7316
YIQ	96.2490, 109.4850, 14.7090

# Conversions

## Conversions Part 2

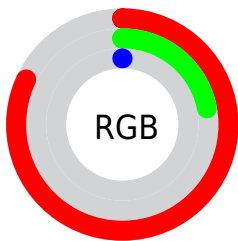
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 78, 0
Decimal	13777152
CIE Lab	47.79, 57.91, 59.68
CIE LCh	48, 83.161, 45.864
Yxy	16.6279, 0.6043, 0.3584
Android (android.graphics.Color)	4291967232 (0xFFD23900)
YUV	96.2490, -47.4508, 99.7596
Hunter-Lab	40.7773, 51.3894, 26.0264

# Details

The Hex color **D23900** 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 **0099D2**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF723A**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D23900**, and if you desaturate by 10%, it is **D24815**.

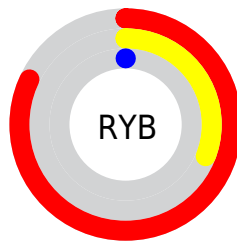
# Distribution



Red (82%)

Green (22%)

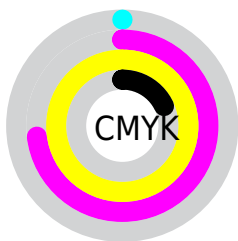
Blue (0%)



Red (82%)

Yellow (31%)

Blue (0%)

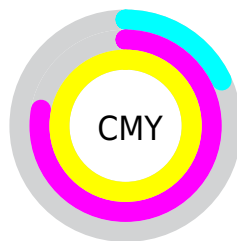


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (78%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D23900 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 D23900 by changing the saturation by 10% instead.



 D23900

 D23900

 FFFFF7

 B21600

 FF723A

 920000

 FF8E53

 720000

 FFAA6D

 540000

 FFC787

 380002

 FFE4A2

 0D0000

 FFFFBE

 000000

 FFFFDA

 D23900

 D24815

 D2582A

 D2673F

 D27654

 D28569

 D2957E

 D2A493

 D2B3A8

 D2C3BD

# Harmonies

## Analogous

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



E70050



D23900



A56200

# Triad

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



D23900



008C4C



006EFB

# Complementary

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



D23900



0099D2

# 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.



0084FC



D23900



008E96

# Square

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



D23900



008600



008CD6



9F47D5

# Rectangle

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



D23900



7F7300



008CD6



0077FF



# Sweetspot

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



D23900



FFC7B3



D2009A



805E52



000000



808080



# Same Dimension

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



D23900



FF4500



D2A100



69615E



A82E00



290B00



# Inverse Universe

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



0099D2



00BAFF



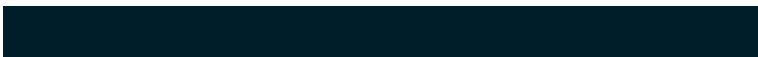
0031D2



5E6669



007BA8



001E29



# Previews

## White Background



This preview shows how the Hex color D23900 looks on a white background.

## Color Contrast Check

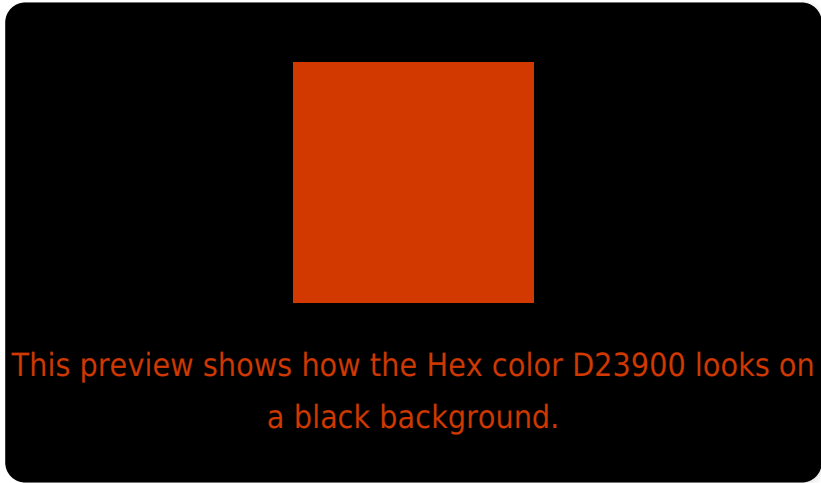
Large Text (above 18pt) WCAG AA ✓ Pass

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 D23900 Background



This preview shows how black text looks on a background with the Hex color D23900.



This preview shows how white text looks on a background with the Hex color D23900.

# 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**  
D23900

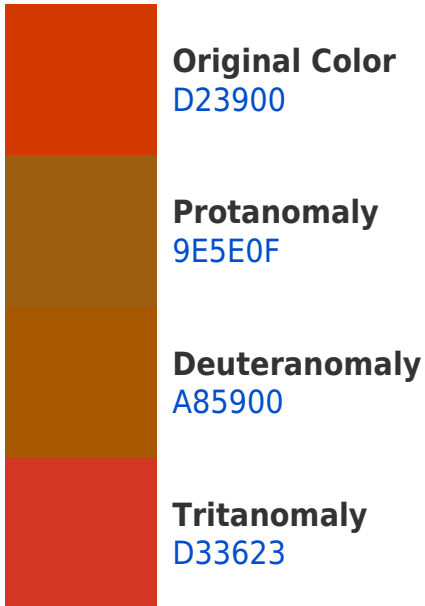
**Protanopia**  
817318

**Deuteranopia**  
906C00



**Tritanopia**  
D33537

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D23900 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 #D23900 looks like.

```
.text, #text, p{  
    color:#D23900  
}
```

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 #D23900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D23900
}
```

## Border

The CSS property to change the border of an element to Hex D23900 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".

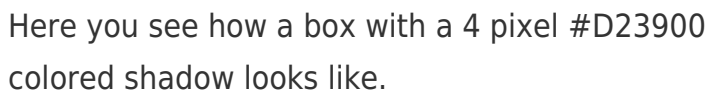
```
.border, #border, table{ border:4px solid
#D23900 }
```

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

```
.border{ border-color:#D23900 }
```

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

Here you see how a box with a 4 pixel #D23900 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D23900; -webkit-box-shadow:4px 4px  
4px 4px #D23900; box-shadow:4px 4px 4px  
4px #D23900 }
```

# Background

The CSS property to change the background color of an element to Hex D23900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D23900 }
```

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

```
.background{ background-color:#D23900 }
```

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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