

Converting Colors

Hex(D33A09)

Have a look what the booklet for
Hex(D33A09) contains.

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Color

Hex(D33A09)

Conversions

Conversions Part 1

Format	Color
Hex	D33A09
RGB	211, 58, 9
RGB Percent	83%, 23%, 4%
CMY	0.1725, 0.7725, 0.9647
CMYK	0.00, 0.73, 0.96, 0.17
HSL	15°, 92%, 43%
HSV	15°, 96%, 83%
XYZ	28.4263, 16.8947, 2.0212
YIQ	98.1610, 106.9170, 17.1970

Conversions

Conversions Part 2

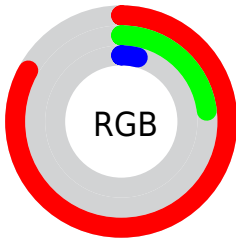
Format	Color
R_{YB}	211, 74, 9
Decimal	13842953
CIE Lab	48.13, 57.96, 57.61
CIE LCh	48, 81.721, 44.824
Yxy	16.8947, 0.6004, 0.3569
Android (android.graphics.Color)	4292033033 (0xFFD33A09)
YUV	98.1610, -43.9564, 98.9598
Hunter-Lab	41.1032, 51.5173, 25.8567

Details

The Hex color **D33A09** 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 **09A2D3**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF733F**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D33300**, and if you desaturate by 10%, it is **D34A1E**.

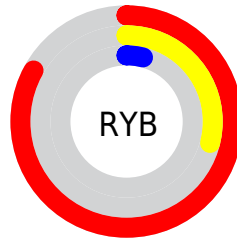
Distribution



Red (83%)

Green (23%)

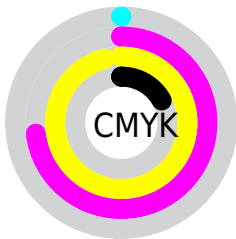
Blue (4%)



Red (83%)

Yellow (29%)

Blue (4%)

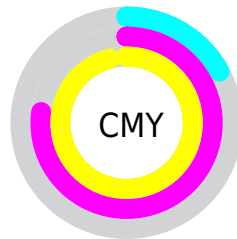


Cyan (0%)

Magenta (73%)

Yellow (96%)

Black (17%)



Cyan (17%)

Magenta (77%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33A09 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 D33A09 by changing the saturation by 10% instead.

 D33A09

 D33A09

FFFFFFD

 B31700

 FF733F

 930000

 FF8F58

 740000

 FFAB72

 550000


 FFC88C

 390002

 FFE5A7

 100000

 FFFFC3

 000000

 FFFFEO

 D33A09

 D33A09

 D33300

 D34A1E

 D35A33

 D36A48

 D37A5D

 D38A72

 D39A88

 D3AA9D

 D3BAB2

 D3CAC7

Harmonies

Analogous

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



E70054



D33A09



A86200

Triad

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



D33A09



008C4B



0070FA

Complementary

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



D33A09



09A2D3

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.



0085F9



D33A09



008F94

Square

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



D33A09



008700



008DD3



9C4AD6

Rectangle

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



D33A09



827300



008DD3



0078FE

Sweetspot

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



D33A09



FFC7B5



D309A4



805E53



000000



808080

Same Dimension

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



D33A09



FF3E00



D39D09



69615E



A82900



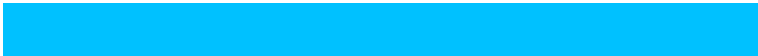
290A00

Inverse Universe

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



09A2D3



00C1FF



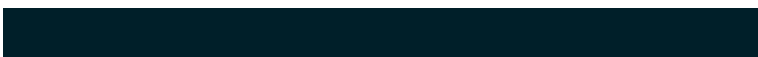
093FD3



5E6669



007FA8



001F29

Previews

White Background



This preview shows how the Hex color D33A09 looks on a white background.

Color Contrast Check

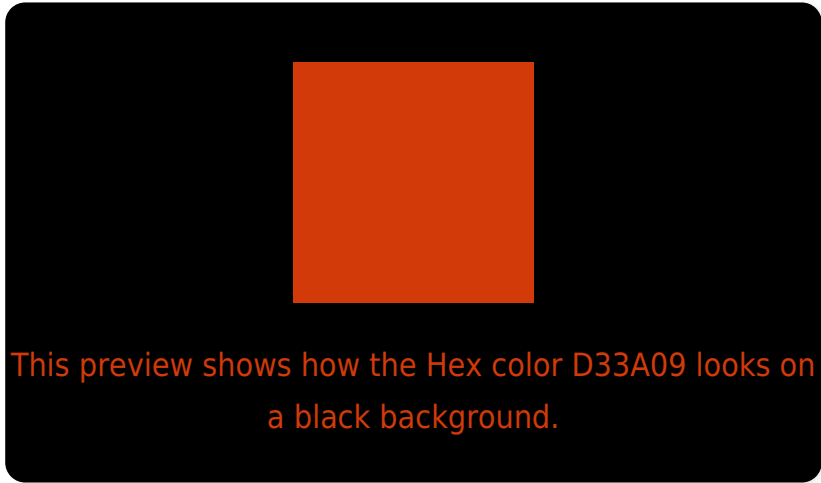
Large Text (above 18pt) WCAG AA ✓ Pass

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 D33A09 Background



This preview shows how black text looks on a background with the Hex color D33A09.



This preview shows how white text looks on a background with the Hex color D33A09.

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
D33A09

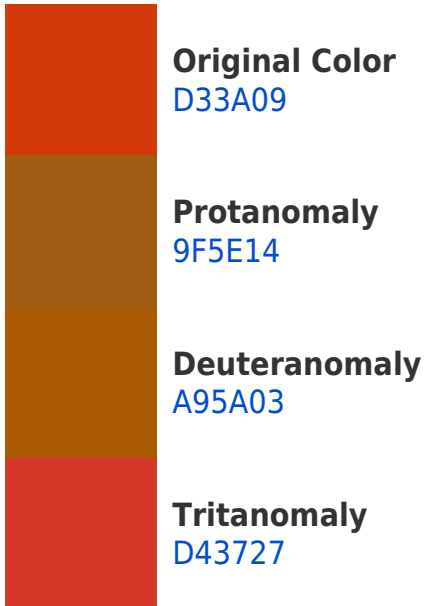
Protanopia
81731A

Deuteranopia
916D00

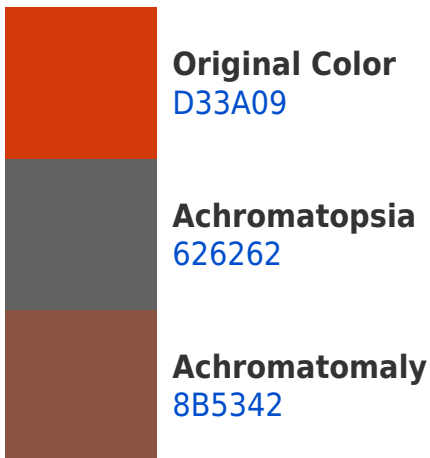


Tritanopia
D43638

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D33A09 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 #D33A09 looks like.

```
.text, #text, p{  
    color:#D33A09  
}
```

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 #D33A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33A09
}
```

Border

The CSS property to change the border of an element to Hex D33A09 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
#D33A09 }
```

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

```
.border{ border-color:#D33A09 }
```

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

Here you see how a box with a 4 pixel #D33A09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33A09; -webkit-box-shadow:4px 4px  
4px 4px #D33A09; box-shadow:4px 4px 4px  
4px #D33A09 }
```

Background

The CSS property to change the background color of an element to Hex D33A09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33A09 }
```

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

```
.background{ background-color:#D33A09 }
```

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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