

# Converting Colors

Hex(DA3009)

Have a look what the booklet for  
Hex(DA3009) contains.

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**Color**

**Hex(DA3009)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA3009
RGB	218, 48, 9
RGB Percent	85%, 19%, 4%
CMY	0.1451, 0.8118, 0.9647
CMYK	0.00, 0.78, 0.96, 0.15
HSL	11°, 92%, 45%
HSV	11°, 96%, 85%
XYZ	30.0197, 17.0391, 1.9651
YIQ	94.3840, 113.8390, 23.9110

# Conversions

## Conversions Part 2

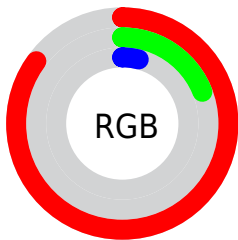
Format	Color
<a href="#">RYB</a>	<a href="#">218, 57, 9</a>
Decimal	<a href="#">14299145</a>
CIELab	<a href="#">48.31, 63.31, 58.42</a>
CIElCh	<a href="#">48, 86.145, 42.697</a>
Yxy	<a href="#">17.0391, 0.6123, 0.3476</a>
Android (android.graphics.Color)	<a href="#">4292489225</a> ( <a href="#">0xFFDA3009</a> )
YUV	<a href="#">94.3840, -42.0943, 108.4112</a>
Hunter-Lab	<a href="#">41.2784, 57.5769, 26.0723</a>

# Details

The Hex color **DA3009** 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 **09B3DA**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6D3F**, and **990000** is the 20% darker color. If you saturate the color by 10%, you get **DA2900**, and if you desaturate by 10%, it is **DA421F**.

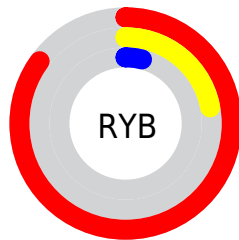
# Distribution



Red (85%)

Green (19%)

Blue (4%)



Red (85%)

Yellow (22%)

Blue (4%)

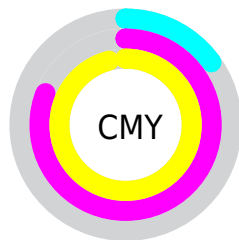


Cyan (0%)

Magenta (78%)

Yellow (96%)

Black (15%)



Cyan (15%)

Magenta (81%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA3009 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 DA3009 by changing the saturation by 10% instead.



 DA3009

 DA3009

FFFFFFC

 B90000

 FF6D3F

 990000

 FF8958

 790000

 FFA671

 5A0000


 FFC38C

 3E0003

 FFE0A7

 1A0001

 FFFEC2

 000000

 FFFFDF

 DA3009

 DA3009

■ DA2900

■ DA421F

■ DA5335

■ DA654A

■ DA7760

■ DA8976

■ DA9A8C

■ DAACA2

■ DABEB7

■ DAD0CD

# Harmonies

## Analogous

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



ED0058



DA3009



AE5F00

# Triad

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



DA3009



008E44



0073FF

# Complementary

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



DA3009



09B3DA

# 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.



0087FF



DA3009



009091

# Square

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



DA3009



008700



008FD5



974BDF

# Rectangle

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



DA3009



867200



008FD5



007BFF



# Sweetspot

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



DA3009



FFC3B5



DA09B4



805B53



000000



808080



# Same Dimension

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



DA3009



FF3000



DA9809



6E6563



AD2000



2E0900



# Inverse Universe

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



09B3DA



00CFFF



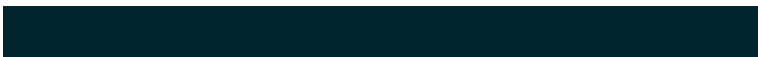
094BDA



636C6E



008DAD



00252E



# Previews

## White Background



This preview shows how the Hex color DA3009 looks on a white background.

## Color Contrast Check

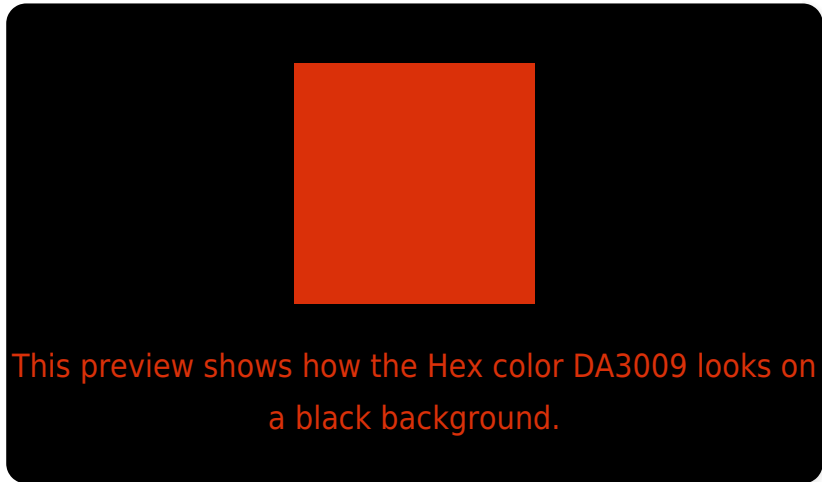
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA3009 Background



This preview shows how black text looks on a background with the Hex color DA3009.



This preview shows how white text looks on a background with the Hex color DA3009.

# 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



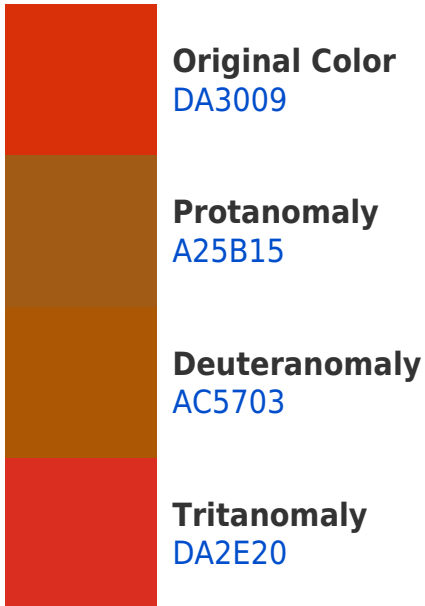
**Original Color**  
DA3009

**Protanopia**  
82741C

**Deuteranopia**  
926E00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA3009 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 #DA3009 looks like.

```
.text, #text, p{  
    color:#DA3009  
}
```

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 #DA3009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA3009
}
```

## Border

The CSS property to change the border of an element to Hex DA3009 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
#DA3009 }
```

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

```
.border{ border-color:#DA3009 }
```

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

Here you see how a box with a 4 pixel #DA3009 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA3009; -webkit-box-shadow:4px 4px  
4px 4px #DA3009; box-shadow:4px 4px 4px  
4px #DA3009 }
```

# Background

The CSS property to change the background color of an element to Hex DA3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA3009 }
```

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

```
.background{ background-color:#DA3009 }
```

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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