

# Converting Colors

Hex(DB9309)

Have a look what the booklet for  
Hex(DB9309) contains.

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**Color**

**Hex(DB9309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB9309
RGB	219, 147, 9
RGB Percent	86%, 58%, 4%
CMY	0.1412, 0.4235, 0.9647
CMYK	0.00, 0.33, 0.96, 0.14
HSL	39°, 92%, 45%
HSV	39°, 96%, 86%
XYZ	39.6964, 35.9472, 5.1047
YIQ	152.7960, 87.2100, -27.6540

# Conversions

## Conversions Part 2

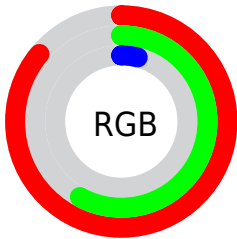
Format	Color
<a href="#">RYB</a>	<a href="#">119, 219, 9</a>
Decimal	<a href="#">14390025</a>
CIELab	<a href="#">66.48, 18.23, 70.09</a>
CIElCh	<a href="#">66, 72.421, 75.422</a>
Yxy	<a href="#">35.9472, 0.4916, 0.4452</a>
Android (android.graphics.Color)	<a href="#">4292580105</a> ( <a href="#">0xFFDB9309</a> )
YUV	<a href="#">152.7960, -70.8914, 58.0609</a>
Hunter-Lab	<a href="#">59.9560, 13.2606, 36.9212</a>

# Details

The Hex color **DB9309** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0951DB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC94D**, and **9E6100** is the 20% darker color. If you saturate the color by 10%, you get **DB9000**, and if you desaturate by 10%, it is **DB9B1F**.

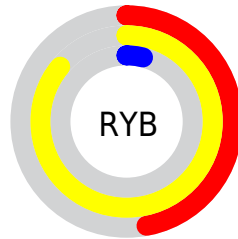
# Distribution



Red (86%)

Green (58%)

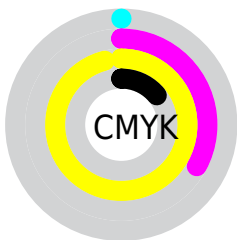
Blue (4%)



Red (47%)

Yellow (86%)

Blue (4%)

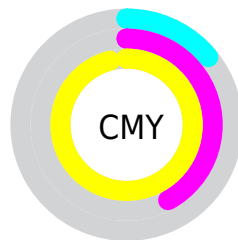


Cyan (0%)

Magenta (33%)

Yellow (96%)

Black (14%)



Cyan (14%)

Magenta (42%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB9309 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 DB9309 by changing the saturation by 10% instead.



 DB9309

 DB9309

FFFFFF

 BC7900

 FFC94D

 9E6100

 FFE569

 804900

 FFFF85

 633200


 FFFFA0

 471D00

 FFFFBD

 2D0700

 FFFFDA

 080000

 FFFFF7

 000000

 DB9309

 DB9309

 DB9000

 DB9B1F

 DBA235

 DBAA4B

 DBB161

 DBB976

 DBC08C

 DBC8A2

 DBCFB8

 DBD7CE

# Harmonies

## Analogous

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



FF7747



DB9309



A1A900

# Triad

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



DB9309



00C0C2



CF81FE

# Complementary

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



DB9309



0951DB

# 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.



589EFF



DB9309



00BDFD

# Square

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



DB9309



00BE7F



00B2FF



FF65C4

# Rectangle

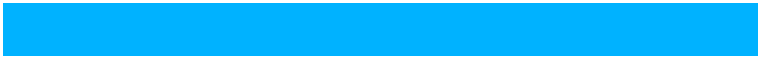
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DB9309



72B329



00B2FF



B18BFF

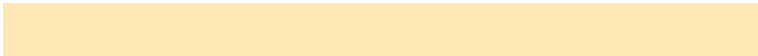


# Sweetspot

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



DB9309



FFE6B5



DB0952



807053



000000



808080



# Same Dimension

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



DB9309



FFA800



BBDB09



6E6A63



AD7200



2E1E00



# Inverse Universe

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



0951DB



0057FF



2909DB



63666E



003BAD



00102E



# Previews

## White Background



This preview shows how the Hex color DB9309 looks on a white background.

## Color Contrast Check

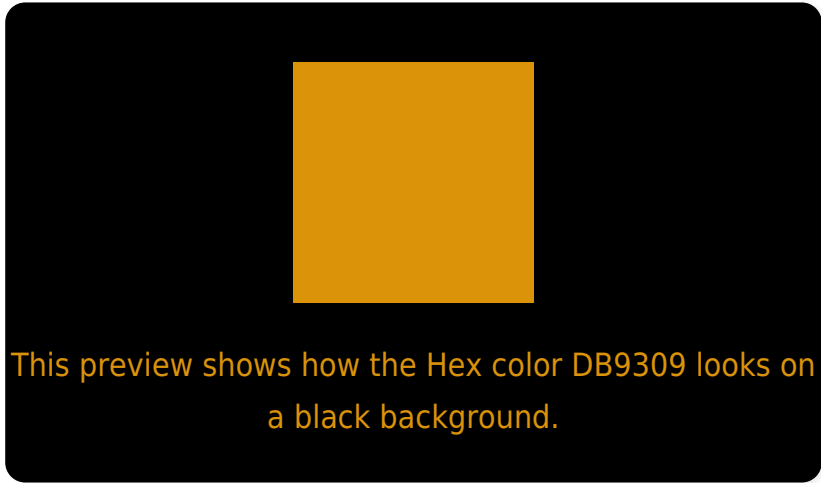
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex DB9309 Background



This preview shows how black text looks on a background with the Hex color DB9309.



This preview shows how white text looks on a background with the Hex color DB9309.

# 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**  
DB9309

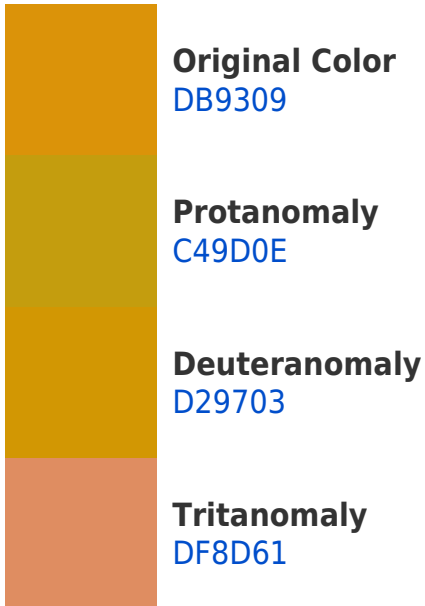
**Protanopia**  
B7A311

**Deuteranopia**  
CD9A00

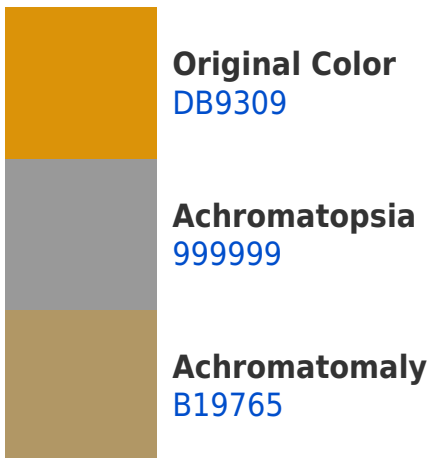


**Tritanopia**  
E18993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB9309 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 #DB9309 looks like.

```
.text, #text, p{  
    color:#DB9309  
}
```

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 #DB9309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB9309
}
```

## Border

The CSS property to change the border of an element to Hex DB9309 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
#DB9309 }
```

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

```
.border{ border-color:#DB9309 }
```

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

Here you see how a box with a 4 pixel #DB9309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB9309; -webkit-box-shadow:4px 4px  
4px 4px #DB9309; box-shadow:4px 4px 4px  
4px #DB9309 }
```

# Background

The CSS property to change the background color of an element to Hex DB9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB9309 }
```

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

```
.background{ background-color:#DB9309 }
```

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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