

# Converting Colors

Hex(DB9F3B)

Have a look what the booklet for  
Hex(DB9F3B) contains.

<b>Hex(DB9F3B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(DB9F3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB9F3B
RGB	219, 159, 59
RGB Percent	86%, 62%, 23%
CMY	0.1412, 0.3765, 0.7686
CMYK	0.00, 0.27, 0.73, 0.14
HSL	38°, 69%, 55%
HSV	38°, 73%, 86%
XYZ	42.4010, 40.1721, 9.6569
YIQ	165.5400, 67.8600, -18.3800

# Conversions

## Conversions Part 2

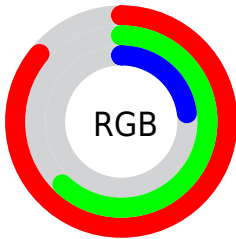
Format	Color
<a href="#">RYB</a>	<a href="#">155, 219, 59</a>
Decimal	<a href="#">14393147</a>
CIELab	<a href="#">69.59, 13.12, 58.38</a>
CIElCh	<a href="#">70, 59.836, 77.339</a>
Yxy	<a href="#">40.1721, 0.4597, 0.4356</a>
Android (android.graphics.Color)	<a href="#">4292583227</a> ( <a href="#">0xFFDB9F3B</a> )
YUV	<a href="#">165.5400, -52.5242, 46.8844</a>
Hunter-Lab	<a href="#">63.3815, 8.4955, 35.3335</a>

# Details

The Hex color **DB9F3B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3B77DB**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFD670**, and **9F6C00** is the 20% darker color. If you saturate the color by 10%, you get **DB9725**, and if you desaturate by 10%, it is **DBA751**.

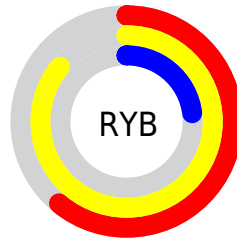
# Distribution



Red (86%)

Green (62%)

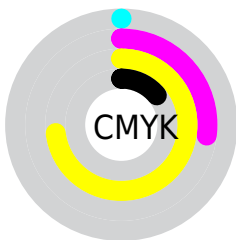
Blue (23%)



Red (61%)

Yellow (86%)

Blue (23%)

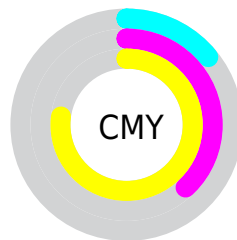


Cyan (0%)

Magenta (27%)

Yellow (73%)

Black (14%)



Cyan (14%)

Magenta (38%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB9F3B 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 DB9F3B by changing the saturation by 10% instead.



 DB9F3B

 DB9F3B

FFFFFF

 BD851F

 FFD670

 9F6C00

 FFF28B

 835400

 FFFFA6

 663D00

 FFFFC2

 4A2700

 FFFFDF

 301300

FFFFFFC

 180001

 000000

 DB9F3B

 DB9F3B

 DB9725

 DBA751

 DB8F0F

 DBAF67

 DB8900

 DBB87D

 DBC093

 DBC8A8

 DBD0BE

 DBD8D4

 DBE1EA

 DBE9FF

# Harmonies

## Analogous

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



FF8A5C



DB9F3B



A9B13A

# Triad

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



DB9F3B



00C5C9



D58EF4

# Complementary

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



DB9F3B



3B77DB

# 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.



83A5FF



DB9F3B



00C1F9

# Square

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



DB9F3B



00C390



00B7FF



FF7CC3

# Rectangle

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



DB9F3B



82B94F



00B7FF



BE96FF



# Sweetspot

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



DB9F3B



FFEAC7



DB3B78



80735E



000000



808080



# Same Dimension

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



DB9F3B



FFAB1F



C8DB3B



6E6A63



AD6C00



2E1D00



# Inverse Universe

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



3B77DB



1F73FF



4E3BDB



63676E



0041AD



00112E



# Previews

## White Background



This preview shows how the Hex color DB9F3B looks on a white background.

## Color Contrast Check

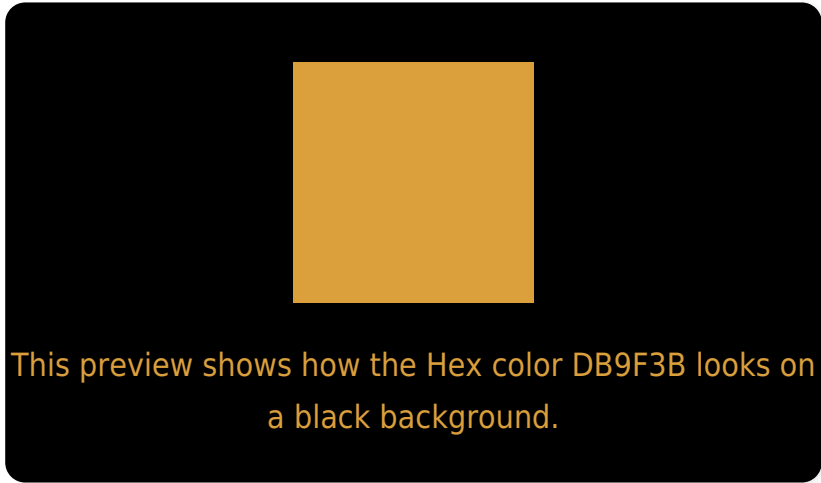
Large Text (above 18pt) WCAG AA × Fail

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

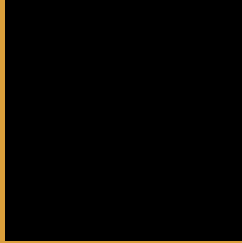
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DB9F3B Background



This preview shows how black text looks on a background with the Hex color DB9F3B.

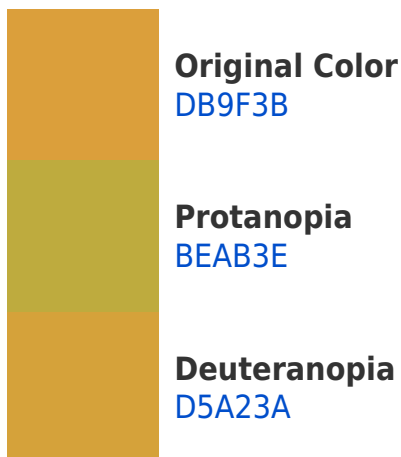


This preview shows how white text looks on a background with the Hex color DB9F3B.

# 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](#).

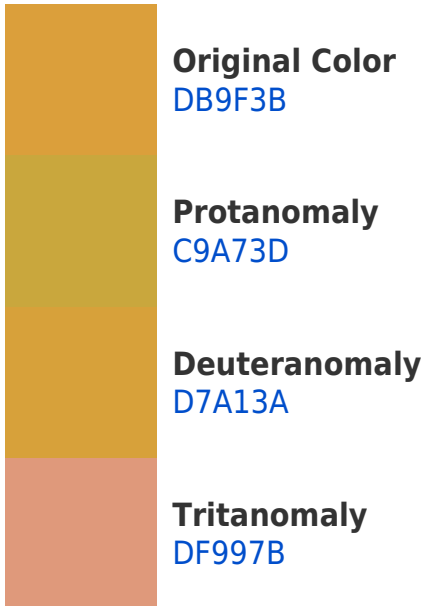
## Dichromacy



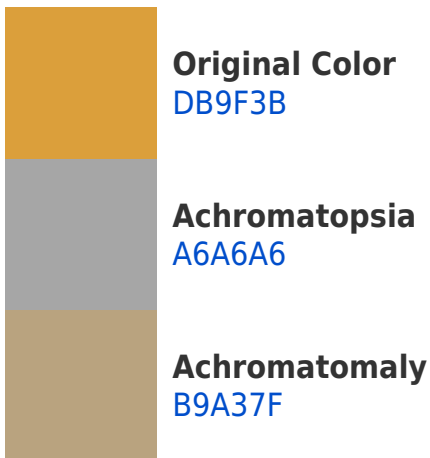


**Tritanopia**  
E295A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB9F3B 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 #DB9F3B looks like.

```
.text, #text, p{  
    color:#DB9F3B  
}
```

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 #DB9F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB9F3B } }
```

## Border

The CSS property to change the border of an element to Hex DB9F3B 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 #DB9F3B } }
```

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

```
.border{ border-color:#DB9F3B }
```

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

Here you see how a box with a 4 pixel #DB9F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB9F3B; -webkit-box-shadow:4px 4px  
4px 4px #DB9F3B; box-shadow:4px 4px 4px  
4px #DB9F3B }
```

# Background

The CSS property to change the background color of an element to Hex DB9F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB9F3B }
```

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

```
.background{ background-color:#DB9F3B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor