

# Converting Colors

Hex(DB932A)

Have a look what the booklet for  
Hex(DB932A) contains.

<b>Hex(DB932A)</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(DB932A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB932A
RGB	219, 147, 42
RGB Percent	86%, 58%, 16%
CMY	0.1412, 0.4235, 0.8353
CMYK	0.00, 0.33, 0.81, 0.14
HSL	36°, 71%, 51%
HSV	36°, 81%, 86%
XYZ	40.0651, 36.0947, 7.0458
YIQ	156.5580, 76.6170, -17.3910

# Conversions

## Conversions Part 2

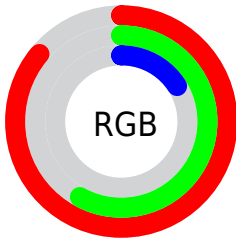
Format	Color
<a href="#">RYB</a>	<a href="#">163, 219, 42</a>
Decimal	<a href="#">14390058</a>
CIELab	<a href="#">66.59, 18.90, 62.11</a>
CIElCh	<a href="#">67, 64.917, 73.077</a>
Yxy	<a href="#">36.0947, 0.4815, 0.4338</a>
Android (android.graphics.Color)	<a href="#">4292580138</a> ( <a href="#">0xFFDB932A</a> )
YUV	<a href="#">156.5580, -56.4771, 54.7616</a>
Hunter-Lab	<a href="#">60.0788, 13.8991, 35.1019</a>

# Details

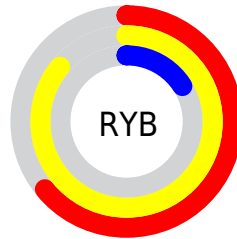
The Hex color **DB932A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **2A72DB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC960**, and **9F6000** is the 20% darker color. If you saturate the color by 10%, you get **DB8A14**, and if you desaturate by 10%, it is **DB9C40**.

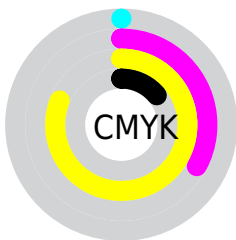
# Distribution



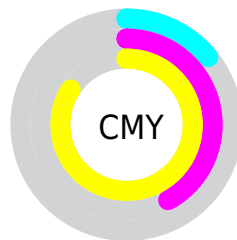
- Red (86%)
- Green (58%)
- Blue (16%)



- Red (64%)
- Yellow (86%)
- Blue (16%)



- Cyan (0%)
- Magenta (33%)
- Yellow (81%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB932A 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 DB932A by changing the saturation by 10% instead.



 DB932A

 DB932A

FFFFFF

 BD7905

 FFC960

 9F6000

 FFE57B

 824900

 FFFF96

 643200

 FFFFB2

 481C00

 FFFFCE

 2E0700

 FFFFEC

 0B0000

 000000

 DB932A

 DB932A

 DB8A14

 DB9C40

 DB8200

 DBA556

 DBAE6C

 DBB782

 DBC097

 DBC8AD

 DBD1C3

 DBDAD9

 DBE3EF

# Harmonies

## Analogous

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



FF7B55



DB932A



A8A720

# Triad

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



DB932A



00BEBB



C687F8

# Complementary

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



DB932A



2A72DB

# 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.



5DA0FF



DB932A



00BBF1

# Square

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



DB932A



00BC7E



00B2FF



FB70C5

# Rectangle

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



DB932A



7FB137



00B2FF



AB90FF



# Sweetspot

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



DB932A



FFE6C2



DB2A74



80705B



000000



808080



# Same Dimension

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



DB932A



FF9A08



CCDB2A



6E6963



AD6700



2E1B00



# Inverse Universe

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



2A72DB



086CFF



392ADB



63676E



0047AD



00132E



# Previews

## White Background



This preview shows how the Hex color DB932A looks on a white background.

## Color Contrast Check

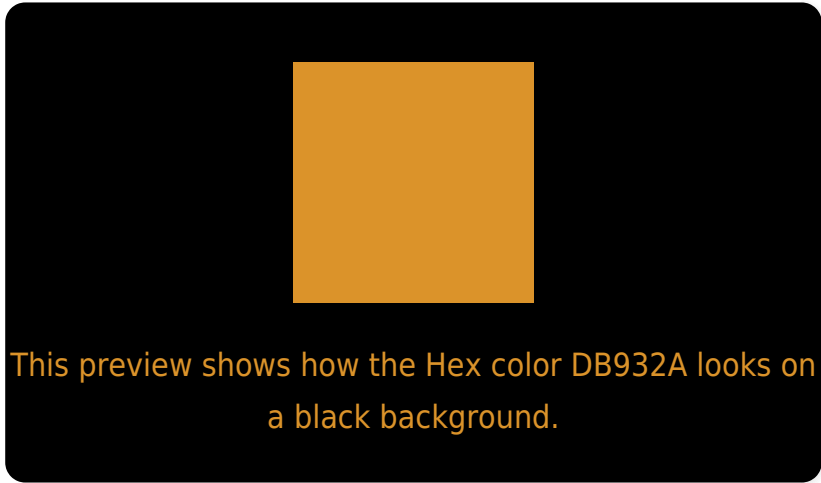
Large Text (above 18pt) WCAG AA × Fail

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 DB932A Background



This preview shows how black text looks on a background with the Hex color DB932A.

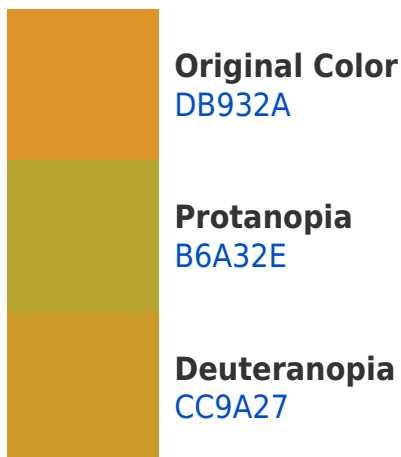


This preview shows how white text looks on a background with the Hex color DB932A.

# 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](#).

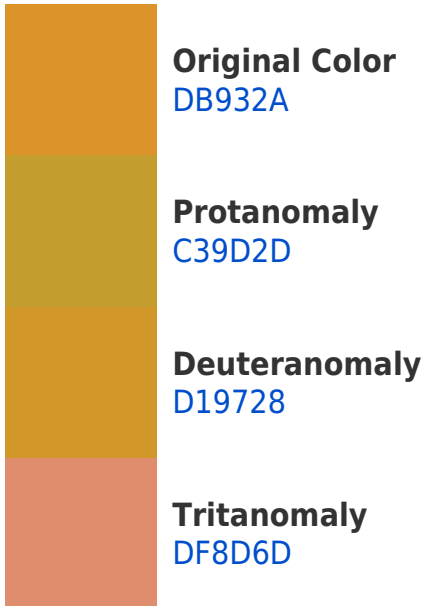
## Dichromacy



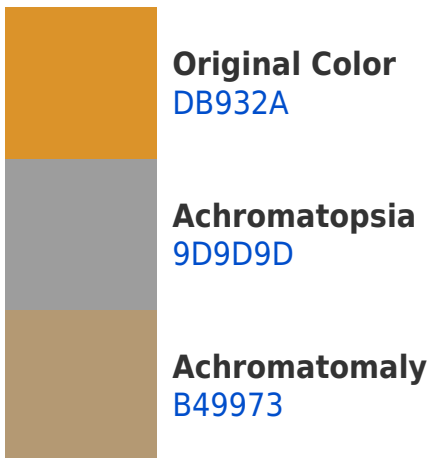


**Tritanopia**  
E18993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB932A 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 #DB932A looks like.

```
.text, #text, p{  
    color:#DB932A  
}
```

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 #DB932A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB932A  
}
```

## Border

The CSS property to change the border of an element to Hex DB932A 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  
#DB932A }
```

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

```
.border{ border-color:#DB932A }
```

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

Here you see how a box with a 4 pixel #DB932A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB932A; -webkit-box-shadow:4px 4px  
4px 4px #DB932A; box-shadow:4px 4px 4px  
4px #DB932A }
```

# Background

The CSS property to change the background color of an element to Hex DB932A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB932A }
```

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

```
.background{ background-color:#DB932A }
```

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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