

# Converting Colors

Hex(D8901B)

Have a look what the booklet for  
Hex(D8901B) contains.

<b>Hex(D8901B)</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(D8901B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8901B
RGB	216, 144, 27
RGB Percent	85%, 56%, 11%
CMY	0.1529, 0.4353, 0.8941
CMYK	0.00, 0.33, 0.88, 0.15
HSL	37°, 78%, 48%
HSV	37°, 88%, 85%
XYZ	38.4900, 34.6246, 5.6915
YIQ	152.1900, 80.4690, -21.1230

# Conversions

## Conversions Part 2

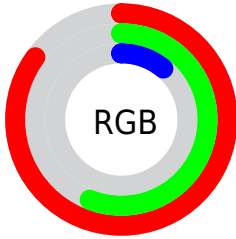
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 216, 27
Decimal	14192667
CIELab	65.46, 18.82, 65.66
CIELCh	65, 68.304, 74.008
Yxy	34.6246, 0.4884, 0.4394
Android (android.graphics.Color)	4292382747 (0xFFD8901B)
YUV	152.1900, -61.7187, 55.9614
Hunter-Lab	58.8427, 13.7853, 35.4551

# Details

The Hex color **D8901B** 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 **1B63D8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC655**, and **9B5E00** is the 20% darker color. If you saturate the color by 10%, you get **D88805**, and if you desaturate by 10%, it is **D89831**.

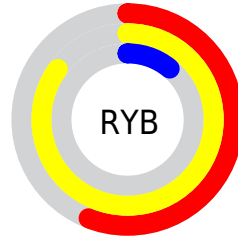
# Distribution



Red (85%)

Green (56%)

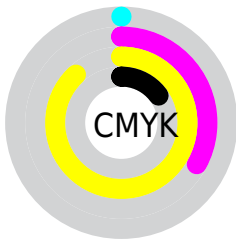
Blue (11%)



Red (56%)

Yellow (85%)

Blue (11%)

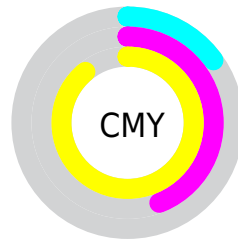


Cyan (0%)

Magenta (33%)

Yellow (88%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8901B 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 D8901B by changing the saturation by 10% instead.



 D8901B

 D8901B

FFFFFF

 B97600

 FFC655

 9B5E00

 FFE270

 7E4600

 FFFE8C

 612F00

 FFFFA7

 451A00

 FFFFC4

 2C0400

 FFFFEO

 000000

FFFFFFE

 D8901B

 D8901B

 D88805

 D89831

 D88600

 D8A046

 D8A95C

 D8B171

 D8B987

 D8C19D

 D8CAB2

 D8D2C8

 D8DADD

# Harmonies

## Analogous

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



FE764C



D8901B



A2A50D

# Triad

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



D8901B



00BCBB



C682F8

# Complementary

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



D8901B



1B63D8

# 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.



569CFF



D8901B



00B9F3

# Square

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



D8901B



00BA7B



00AFFF



FC68C2

# Rectangle

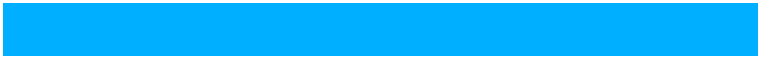
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8901B



76AF2E



00AFFF



AA8BFF



# Sweetspot

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



D8901B



FFE6BD



D81B63



807058



000000



808080



# Same Dimension

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



D8901B



FF9E00



C2D81B



6B6760



AB6A00



2B1B00



# Inverse Universe

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



1B63D8



0061FF



311BD8



60646B



0041AB



00112B



# Previews

## White Background



This preview shows how the Hex color D8901B looks on a white background.

## Color Contrast Check

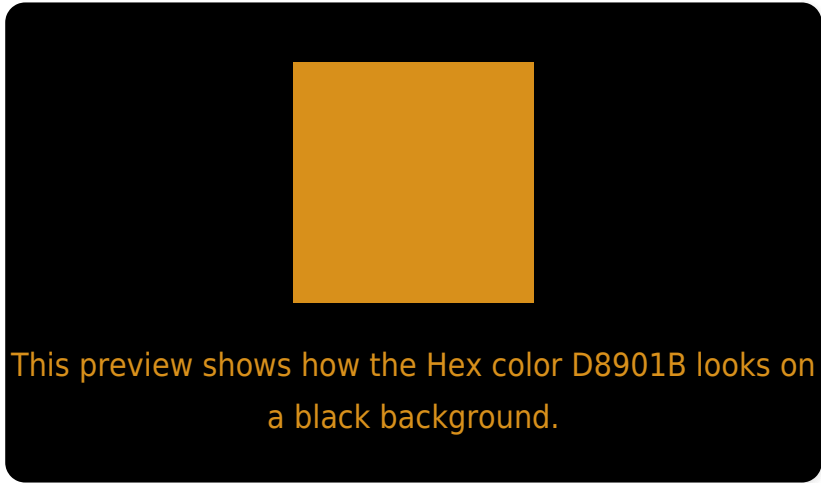
Large Text (above 18pt) WCAG AA × Fail

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 D8901B Background



This preview shows how black text looks on a background with the Hex color D8901B.



This preview shows how white text looks on a background with the Hex color D8901B.

# 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**  
D8901B

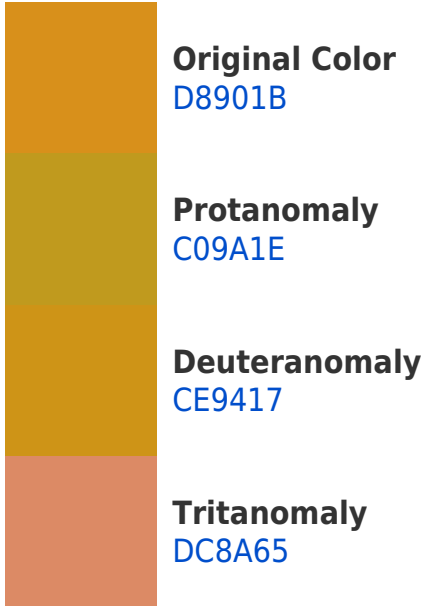
**Protanopia**  
B3A01F

**Deuteranopia**  
C99715

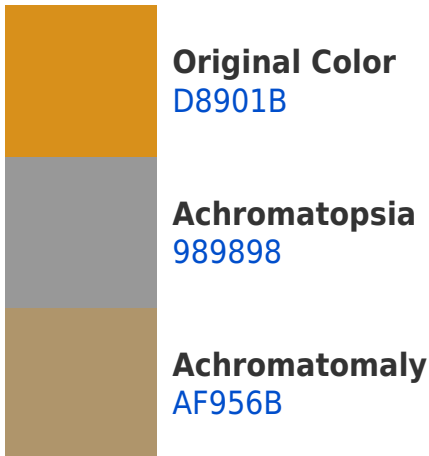


**Tritanopia**  
DE8690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8901B 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 #D8901B looks like.

```
.text, #text, p{  
    color:#D8901B  
}
```

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 #D8901B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8901B
}
```

## Border

The CSS property to change the border of an element to Hex D8901B 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
#D8901B }
```

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

```
.border{ border-color:#D8901B }
```

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

Here you see how a box with a 4 pixel #D8901B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8901B; -webkit-box-shadow:4px 4px  
4px 4px #D8901B; box-shadow:4px 4px 4px  
4px #D8901B }
```

# Background

The CSS property to change the background color of an element to Hex D8901B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8901B }
```

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

```
.background{ background-color:#D8901B }
```

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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