

# Converting Colors

Hex(D8A13D)

Have a look what the booklet for  
Hex(D8A13D) contains.

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# **Color**

**Hex(D8A13D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8A13D
RGB	216, 161, 61
RGB Percent	85%, 63%, 24%
CMY	0.1529, 0.3686, 0.7608
CMYK	0.00, 0.25, 0.72, 0.15
HSL	39°, 67%, 54%
HSV	39°, 72%, 85%
XYZ	41.9061, 40.4256, 10.0091
YIQ	166.0450, 64.8800, -19.4400

# Conversions

## Conversions Part 2

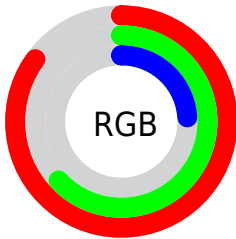
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 216, 61
Decimal	14197053
CIE Lab	69.77, 10.85, 57.62
CIE LCh	70, 58.632, 79.337
Yxy	40.4256, 0.4538, 0.4378
Android (android.graphics.Color)	4292387133 (0xFFD8A13D)
YUV	166.0450, -51.7872, 43.8105
Hunter-Lab	63.5811, 6.3817, 35.1732

# Details

The Hex color **D8A13D** 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 **3D74D8**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFD872**, and **9D6E00** is the 20% darker color. If you saturate the color by 10%, you get **D89927**, and if you desaturate by 10%, it is **D8A953**.

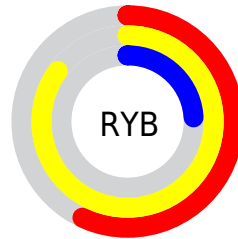
# Distribution



Red (85%)

Green (63%)

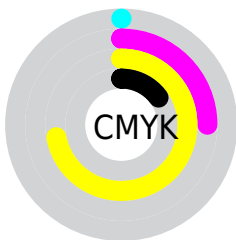
Blue (24%)



Red (57%)

Yellow (85%)

Blue (24%)

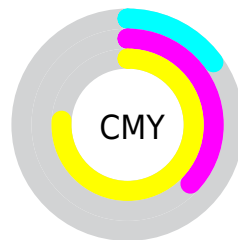


Cyan (0%)

Magenta (25%)

Yellow (72%)

Black (15%)



Cyan (15%)

Magenta (37%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8A13D 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 D8A13D by changing the saturation by 10% instead.



 D8A13D

 D8A13D

FFFFFF

 BA8721

 FFD872

 9D6E00

 FFF48D

 805600

 FFFFA8

 643E00

 FFFFC4

 482900

 FFFFE1

 2E1400

FFFFFFE

 160000

 000000

 D8A13D

 D8A13D

 D89927

 D8A953

 D89212

 D8B068

 D88B00

 D8B87E

 D8C093

 D8C7A9

 D8CFBF

 D8D7D4

 D8DEEA

 D8E6FF

# Harmonies

## Analogous

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



FC8D5B



D8A13D



A7B23F

# Triad

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



D8A13D



00C5CC



D98EF0

# Complementary

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



D8A13D



3D74D8

# 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.



8CA4FF



D8A13D



00C0FA

# Square

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



D8A13D



00C495



00B6FF



FF7DC0

# Rectangle

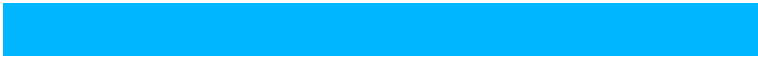
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8A13D



7FBA54



00B6FF



C396FD



# Sweetspot

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



D8A13D



FFEBC7



D83D76



80745E



000000



808080



# Same Dimension

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



D8A13D



FFB124



C3D83D



6B6760



AB6E00



2B1C00



# Inverse Universe

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



3D74D8



2472FF



523DD8



60646B



003DAB



000F2B



# Previews

## White Background



This preview shows how the Hex color D8A13D looks on a white background.

## Color Contrast Check

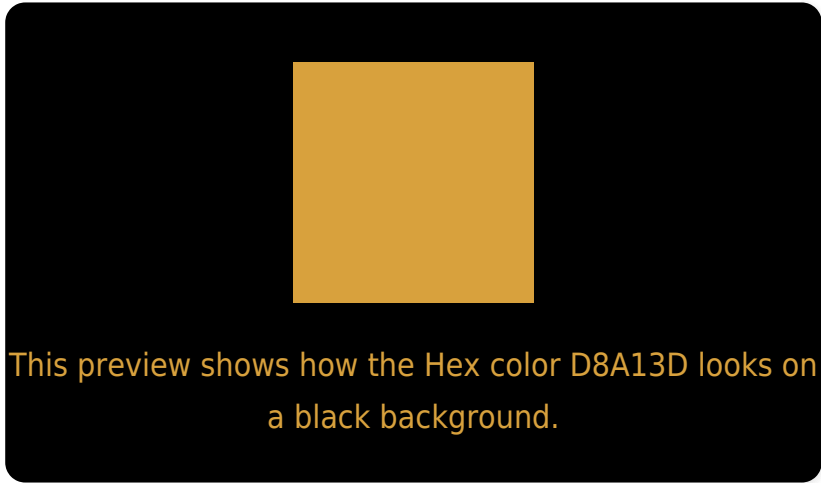
Large Text (above 18pt) WCAG AA × Fail

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 D8A13D Background



This preview shows how black text looks on a background with the Hex color D8A13D.

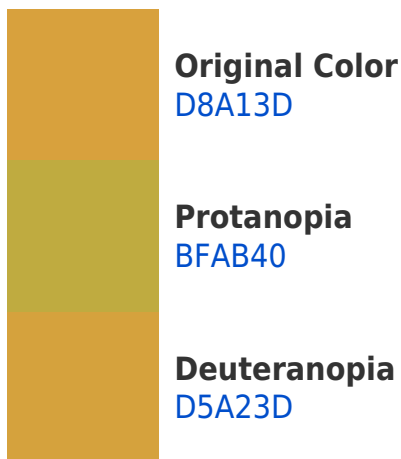


This preview shows how white text looks on a background with the Hex color D8A13D.

# 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](#).

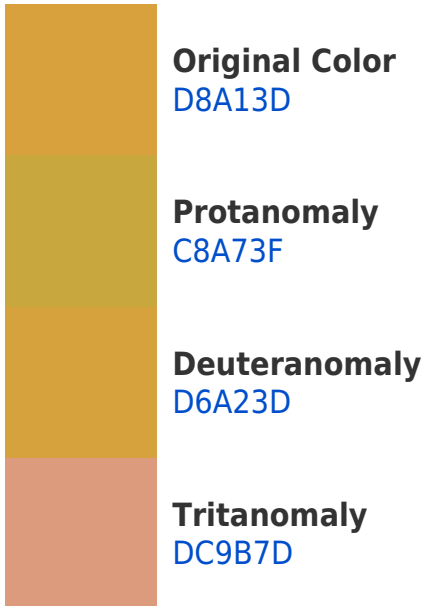
## Dichromacy



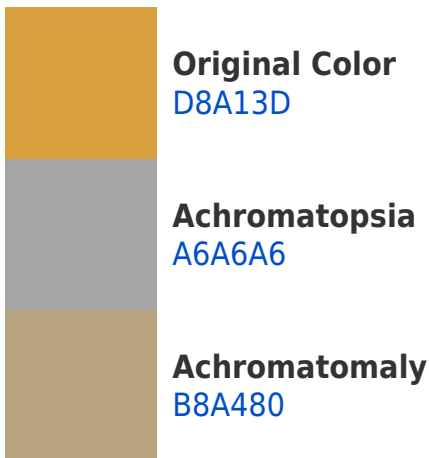


**Tritanopia**  
DF97A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8A13D 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 #D8A13D looks like.

```
.text, #text, p{  
    color:#D8A13D  
}
```

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 #D8A13D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8A13D
}
```

## Border

The CSS property to change the border of an element to Hex D8A13D 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
#D8A13D }
```

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

```
.border{ border-color:#D8A13D }
```

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

Here you see how a box with a 4 pixel #D8A13D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8A13D; -webkit-box-shadow:4px 4px  
4px 4px #D8A13D; box-shadow:4px 4px 4px  
4px #D8A13D }
```

# Background

The CSS property to change the background color of an element to Hex D8A13D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8A13D }
```

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

```
.background{ background-color:#D8A13D }
```

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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