

# Converting Colors

Hex(D8B85A)

Have a look what the booklet for  
Hex(D8B85A) contains.

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# **Color**

**Hex(D8B85A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8B85A
RGB	216, 184, 90
RGB Percent	85%, 72%, 35%
CMY	0.1529, 0.2784, 0.6471
CMYK	0.00, 0.15, 0.58, 0.15
HSL	45°, 62%, 60%
HSV	45°, 58%, 85%
XYZ	47.3049, 49.6181, 16.7569
YIQ	182.8520, 49.2460, -22.4500

# Conversions

## Conversions Part 2

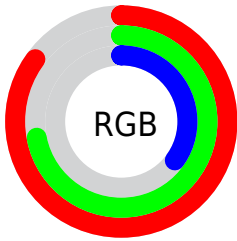
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 216, 90
Decimal	14202970
CIELab	75.83, 0.40, 51.16
CIELCh	76, 51.158, 89.548
Yxy	49.6181, 0.4161, 0.4365
Android (android.graphics.Color)	4292393050 (0xFFD8B85A)
YUV	182.8520, -45.7760, 29.0708
Hunter-Lab	70.4401, -3.3965, 35.2037

# Details

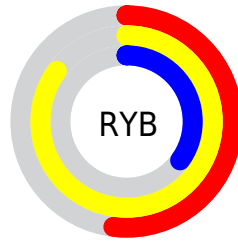
The Hex color **D8B85A** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5A7AD8**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFF08F**, and **9E8326** is the 20% darker color. If you saturate the color by 10%, you get **D8B344**, and if you desaturate by 10%, it is **D8BD70**.

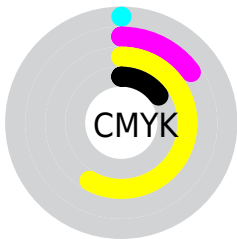
# Distribution



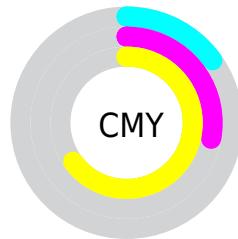
- Red (85%)
- Green (72%)
- Blue (35%)



- Red (52%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (58%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8B85A 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 D8B85A by changing the saturation by 10% instead.



 D8B85A

 D8B85A

FFFFFF

 BB9D40

 FFF08F

 9E8326

 FFFFAA

 826A06

 FFFFC6

 675200

 FFFFEE3

 4D3C00

 322600

 1A1200

 000000

 D8B85A

 D8B85A

 D8B344

 D8BD70

 D8AD2F

 D8C385

 D8A819

 D8C89B

 D8A204

 D8CEB0

 D8A100

 D8D3C6

 D8D9DC

 D8DEF1

 D8E4FF

 D8E9FF

# Harmonies

## Analogous

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



FDA76A



D8B85A



A8C666

# Triad

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



D8B85A



00D2E8



F59DEC

# Complementary

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



D8B85A



5A7AD8

# 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.



BDAFFF



D8B85A



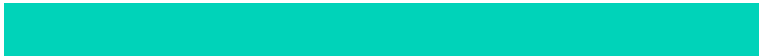
00CCFF

# Square

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



D8B85A



00D3B9



67C0FF



FF94BE

# Rectangle

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



D8B85A



82CC7C



67C0FF



E5A3F9

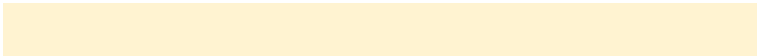


# Sweetspot

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



D8B85A



FFF3D1



D85A7C



807863



000000



808080



# Same Dimension

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



D8B85A



FFD24D



BBD85A



6B6860



AB7F00



2B2000



# Inverse Universe

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



5A7AD8



4D7AFF



775AD8



60636B



002BAB



000B2B



# Previews

## White Background



This preview shows how the Hex color D8B85A looks on a white background.

## Color Contrast Check

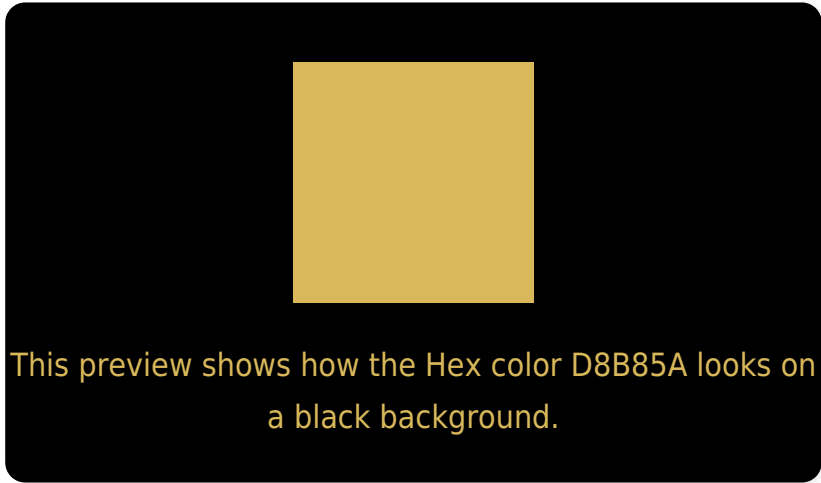
Large Text (above 18pt) WCAG AA × Fail

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 D8B85A Background



This preview shows how black text looks on a background with the Hex color D8B85A.

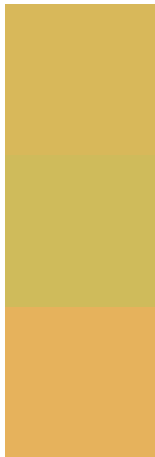


This preview shows how white text looks on a background with the Hex color D8B85A.

# 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**  
D8B85A

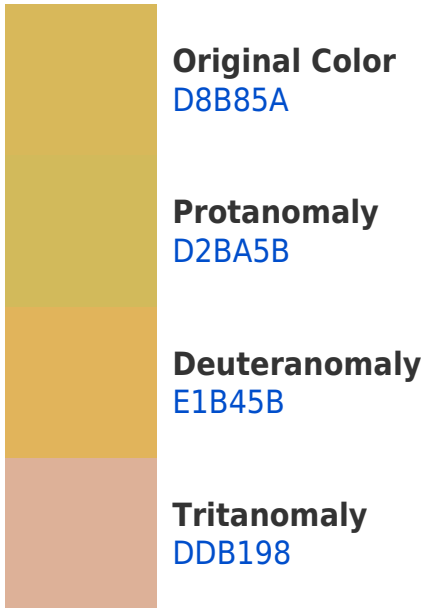
**Protanopia**  
CFBB5B

**Deuteranopia**  
E6B25C

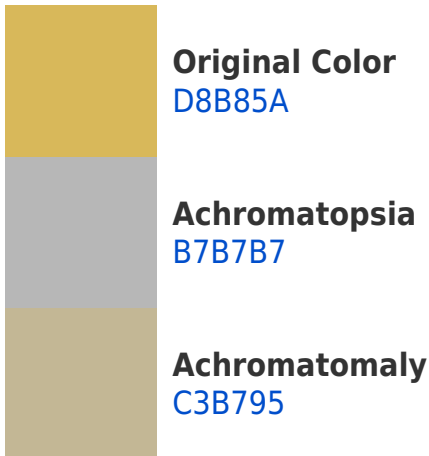


**Tritanopia**  
E0ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8B85A 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 #D8B85A looks like.

```
.text, #text, p{  
    color:#D8B85A  
}
```

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 #D8B85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8B85A
}
```

## Border

The CSS property to change the border of an element to Hex D8B85A 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
#D8B85A }
```

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

```
.border{ border-color:#D8B85A }
```

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

Here you see how a box with a 4 pixel #D8B85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8B85A; -webkit-box-shadow:4px 4px  
4px 4px #D8B85A; box-shadow:4px 4px 4px  
4px #D8B85A }
```

# Background

The CSS property to change the background color of an element to Hex D8B85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8B85A }
```

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

```
.background{ background-color:#D8B85A }
```

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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