

# Converting Colors

Hex(D8B04F)

Have a look what the booklet for  
Hex(D8B04F) contains.

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# **Color**

**Hex(D8B04F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8B04F
RGB	216, 176, 79
RGB Percent	85%, 69%, 31%
CMY	0.1529, 0.3098, 0.6902
CMYK	0.00, 0.19, 0.63, 0.15
HSL	42°, 64%, 58%
HSV	42°, 63%, 85%
XYZ	45.2555, 46.2141, 13.9321
YIQ	176.9020, 54.9770, -21.6870

# Conversions

## Conversions Part 2

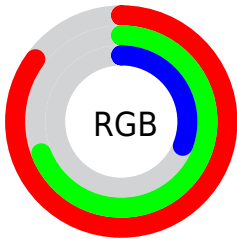
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 216, 79
Decimal	14200911
CIELab	73.68, 3.86, 53.85
CIELCh	74, 53.985, 85.895
Yxy	46.2141, 0.4294, 0.4385
Android (android.graphics.Color)	4292390991 (0xFFD8B04F)
YUV	176.9020, -48.2657, 34.2889
Hunter-Lab	67.9810, -0.1377, 35.4357

# Details

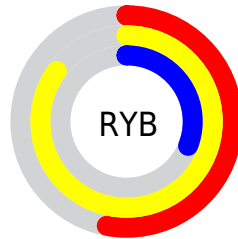
The Hex color **D8B04F** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4F77D8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE784**, and **9E7C19** is the 20% darker color. If you saturate the color by 10%, you get **D8AA39**, and if you desaturate by 10%, it is **D8B665**.

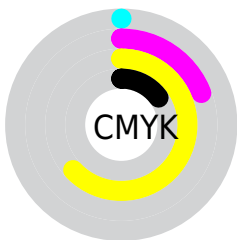
# Distribution



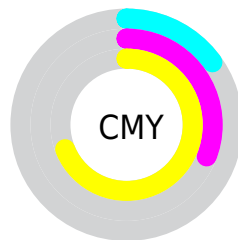
- Red (85%)
- Green (69%)
- Blue (31%)



- Red (53%)
- Yellow (85%)
- Blue (31%)



- Cyan (0%)
- Magenta (19%)
- Yellow (63%)
- Black (15%)



- Cyan (15%)
- Magenta (31%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8B04F 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 D8B04F by changing the saturation by 10% instead.



 D8B04F

 D8B04F

FFFFFF

 BB9535

 FFE784

 9E7C19

 FFFF9F

 816300


 FFFFBB

 664B00

 FFFFD7

 4B3500

 FFFFF4

 312000

 180A00

 000000

 D8B04F

 D8B04F

 D8AA39

 D8B665

 D8A324

 D8BD7A

 D89D0E

 D8C390

 D89900

 D8C9A5

 D8D0BB

 D8D6D1

 D8DCE6

 D8E2FC

 D8E9FF

# Harmonies

## Analogous

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



FD9E64



D8B04F



A7BF58

# Triad

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



D8B04F



00CEDF



EC97ED

# Complementary

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



D8B04F



4F77D8

# 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.



ADABFF



D8B04F



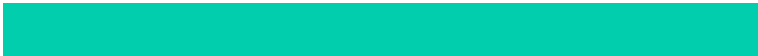
00C8FF

# Square

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



D8B04F



00CEAC



43BCFF



FF8BBE

# Rectangle

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



D8B04F



80C66D



43BCFF



DA9EFA



# Sweetspot

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



D8B04F



FFF1CF



D84F78



807762



000000



808080



# Same Dimension

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



D8B04F



FFC63D



BDD84F



6B6860



AB7900



2B1F00



# Inverse Universe

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



4F77D8



3D76FF



6A4FD8



60646B



0032AB



000D2B



# Previews

## White Background



This preview shows how the Hex color D8B04F looks on a white background.

## Color Contrast Check

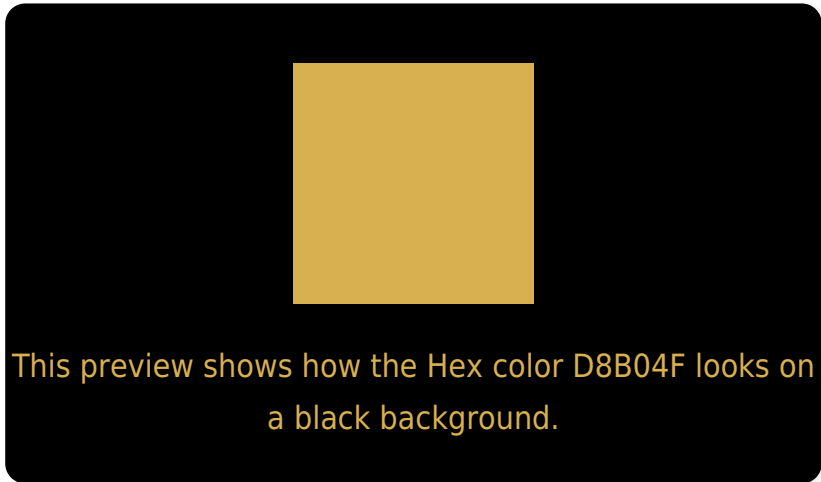
Large Text (above 18pt) WCAG AA × Fail

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 D8B04F Background



This preview shows how black text looks on a background with the Hex color D8B04F.



This preview shows how white text looks on a background with the Hex color D8B04F.

# 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](#).

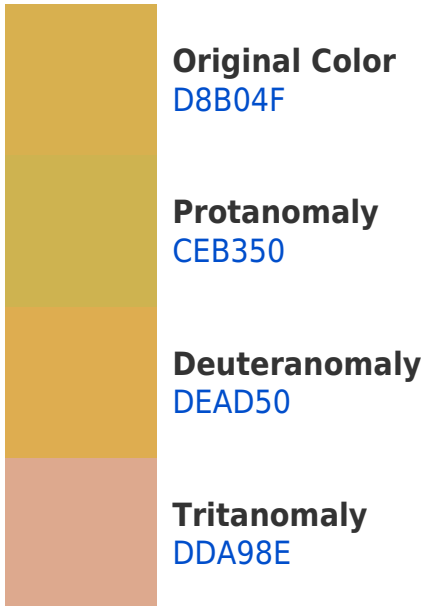
## Dichromacy



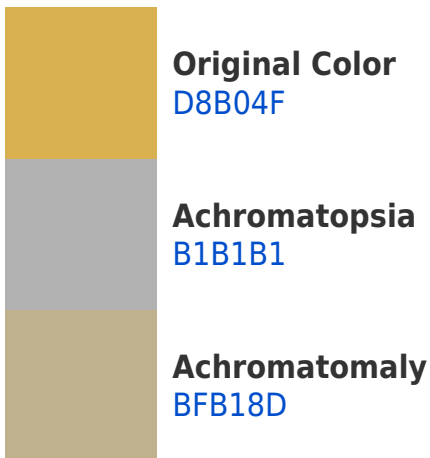


**Tritanopia**  
E0A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8B04F 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 #D8B04F looks like.

```
.text, #text, p{  
    color:#D8B04F  
}
```

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 #D8B04F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8B04F
}
```

## Border

The CSS property to change the border of an element to Hex D8B04F 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
#D8B04F }
```

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

```
.border{ border-color:#D8B04F }
```

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

Here you see how a box with a 4 pixel #D8B04F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8B04F; -webkit-box-shadow:4px 4px  
4px 4px #D8B04F; box-shadow:4px 4px 4px  
4px #D8B04F }
```

# Background

The CSS property to change the background color of an element to Hex D8B04F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8B04F }
```

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

```
.background{ background-color:#D8B04F }
```

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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