

# Converting Colors

Hex(FABD4B)

Have a look what the booklet for  
Hex(FABD4B) contains.

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# **Color**

**Hex(FABD4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FABD4B
RGB	250, 189, 75
RGB Percent	98%, 74%, 29%
CMY	0.0196, 0.2588, 0.7059
CMYK	0.00, 0.24, 0.70, 0.02
HSL	39°, 95%, 64%
HSV	39°, 70%, 98%
XYZ	58.8919, 57.2272, 14.5986
YIQ	194.2430, 72.9500, -22.5220

# Conversions

## Conversions Part 2

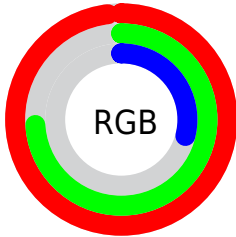
Format	Color
<a href="#">RYB</a>	<a href="#">169, 250, 75</a>
Decimal	<a href="#">16432459</a>
<a href="#">CIELab</a>	<a href="#">80.31, 11.14, 63.68</a>
<a href="#">CIELCh</a>	<a href="#">80, 64.651, 80.074</a>
<a href="#">Yxy</a>	<a href="#">57.2272, 0.4505, 0.4378</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294622539 (0xFF FABD4B)</a>
<a href="#">YUV</a>	<a href="#">194.2430, -58.7868, 48.8989</a>
<a href="#">Hunter-Lab</a>	<a href="#">75.6487, 6.5758, 41.5123</a>

# Details

The Hex color **FABD4B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **4B88FA**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF581**, and **BD880C** is the 20% darker color. If you saturate the color by 10%, you get **FAB432**, and if you desaturate by 10%, it is **FAC664**.

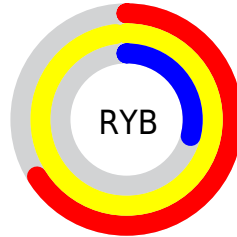
# Distribution



Red (98%)

Green (74%)

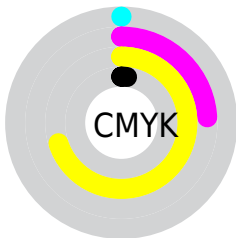
Blue (29%)



Red (66%)

Yellow (98%)

Blue (29%)

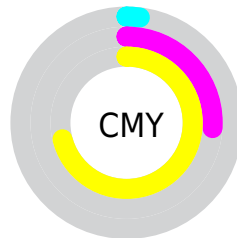


Cyan (0%)

Magenta (24%)

Yellow (70%)

Black (2%)



Cyan (2%)

Magenta (26%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FABD4B 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 FABD4B by changing the saturation by 10% instead.



 FABD4B

 FABD4B

FFFFFF

 DBA22F

 FFF581

 BD880C

 FFFF9D

 A06F00

 FFFFB9

 835700

 FFFF9D

 663F00

 FFFFF2

 4A2A00

 301500

 180000

 000000

 FABD4B

 FABD4B

 FAB432

 FAC664

 FAAC19

 FACE7D

 FAA300

 FAD796

 FAE0AF

 FAE9C8

 FAF1E1

 FAFAFA

 FAFFFF

# Harmonies

## Analogous

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



FFA66C



FABD4B



C1D04E

# Triad

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



FABD4B



00E5EF



FDA7FF

# Complementary

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



FABD4B



4B88FA

# 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.



A8BFFF



FABD4B



00E0FF

# Square

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



FABD4B



00E4B0



00D4FF



FF94DE

# Rectangle

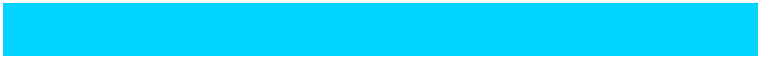
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FABD4B



94DA66



00D4FF



E6AFFF



# Sweetspot

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



FABD4B



FFECC9



FA4B88



807460



000000



808080



# Same Dimension

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



FABD4B



FFB429



E0FA4B



7D7970



BD7B00



3D2800



# Inverse Universe

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



4B88FA



2973FF



654BFA



70757D



0042BD



00153D



# Previews

## White Background



This preview shows how the Hex color FABD4B looks on a white background.

## Color Contrast Check

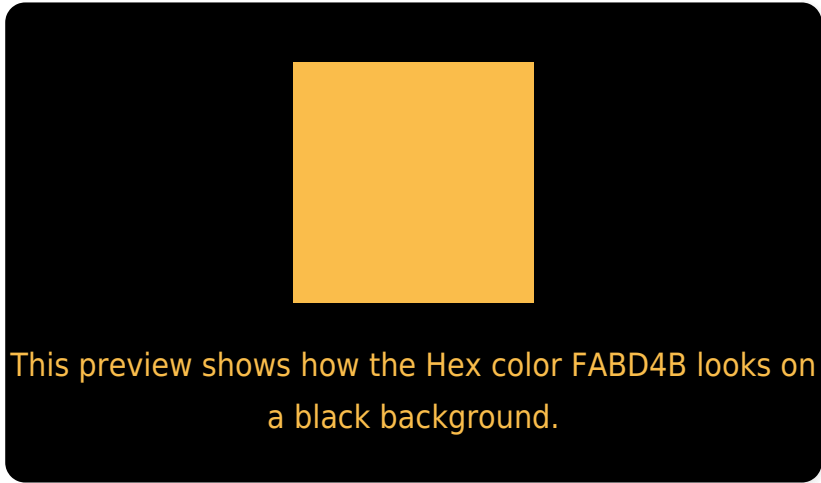
Large Text (above 18pt) WCAG AA × Fail

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 FABD4B Background



This preview shows how black text looks on a background with the Hex color FABD4B.



This preview shows how white text looks on a background with the Hex color FABD4B.

# 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**  
FABD4B

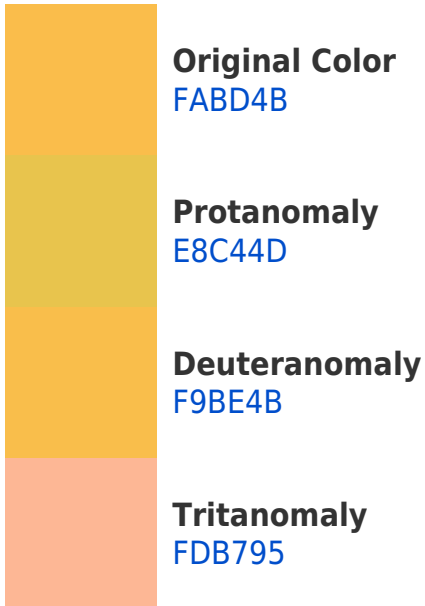
**Protanopia**  
DEC84E

**Deuteranopia**  
F9BE4B

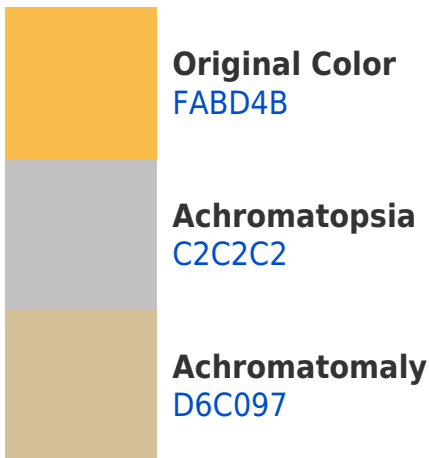


**Tritanopia**  
FFB3BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FABD4B 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 #FABD4B looks like.

```
.text, #text, p{  
    color:#FABD4B  
}
```

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 #FABD4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FABD4B
}
```

## Border

The CSS property to change the border of an element to Hex FABD4B 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
#FABD4B }
```

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

```
.border{ border-color:#FABD4B }
```

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

Here you see how a box with a 4 pixel #FABD4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FABD4B; -webkit-box-shadow:4px 4px  
4px 4px #FABD4B; box-shadow:4px 4px 4px  
4px #FABD4B }
```

# Background

The CSS property to change the background color of an element to Hex FABD4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FABD4B }
```

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

```
.background{ background-color:#FABD4B }
```

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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