

# Converting Colors

Hex(FBD795)

Have a look what the booklet for  
Hex(FBD795) contains.

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# **Color**

**Hex(FBD795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD795
RGB	251, 215, 149
RGB Percent	98%, 84%, 58%
CMY	0.0157, 0.1569, 0.4157
CMYK	0.00, 0.14, 0.41, 0.02
HSL	39°, 93%, 78%
HSV	39°, 41%, 98%
XYZ	69.5089, 71.2800, 38.5287
YIQ	218.2400, 42.6420, -12.8940

# Conversions

## Conversions Part 2

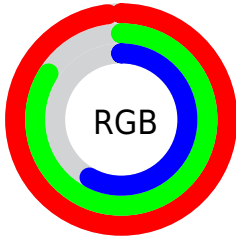
Format	Color
R <sub>Y</sub> B	205, 251, 149
Decimal	16504725
CIE Lab	87.62, 3.83, 37.20
CIE LCh	88, 37.392, 84.116
Yxy	71.2800, 0.3876, 0.3975
Android (android.graphics.Color)	4294694805 (0xFFFFBD795)
YUV	218.2400, -34.1353, 28.7305
Hunter-Lab	84.4275, -0.7896, 32.0421

# Details

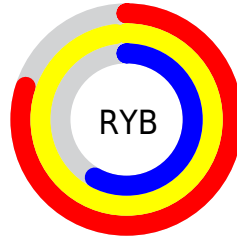
The Hex color **FBD795** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **95B9FB**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFCC**, and **C1A061** is the 20% darker color. If you saturate the color by 10%, you get **FBCE7C**, and if you desaturate by 10%, it is **FBE0AE**.

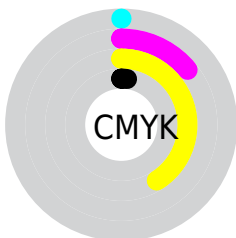
# Distribution



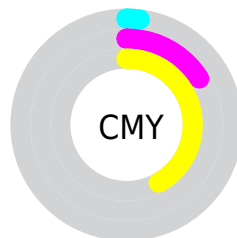
- Red (98%)
- Green (84%)
- Blue (58%)



- Red (80%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBD795 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 FBD795 by changing the saturation by 10% instead.



 FBD795

 FBD795

FFFFFF

 DEBB7B

 FFFFCC

 C1A061

 FFFF88

 A58649

 896D31

 6E5519

 543E00

 3B2800

 221400

 000000

 FBD795

 FBD795

 FBCE7C

 FBE0AE

 FBC563

 FBE9C7

 FBBC4A

 FBF2E0

 FBB431

 FBFAF9

 FBAB18

 FBFFFF

 FBA200

# Harmonies

## Analogous

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



FFCBA3



FBD795



D7E29A

# Triad

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



FBD795



68EFF7



FFC9FF

# Complementary

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



FBD795



95B9FB

# 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.



D7D5FF



FBD795



74EAFF

# Square

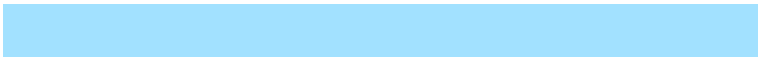
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FBD795



85EFD3



A2E1FF



FFC2E4

# Rectangle

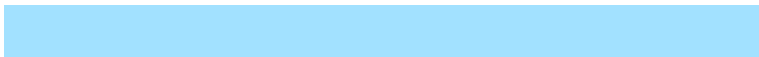
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBD795



BCE8A8



A2E1FF



F6CDFF

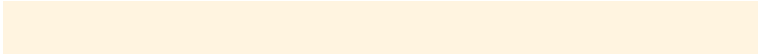


# Sweetspot

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



FBD795



FFF4E0



FB95BA



80796E



000000



808080



# Same Dimension

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



FBD795



FFD382



EDFB95



7D7970



BD7A00



3D2800



# Inverse Universe

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



95B9FB



82AEFF



A395FB



70757D



0043BD



00163D



# Previews

## White Background



This preview shows how the Hex color FBD795 looks on a white background.

## Color Contrast Check

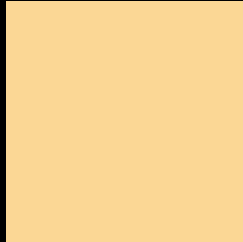
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FBD795 looks on a 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 FBD795 Background



This preview shows how black text looks on a background with the Hex color FBD795.

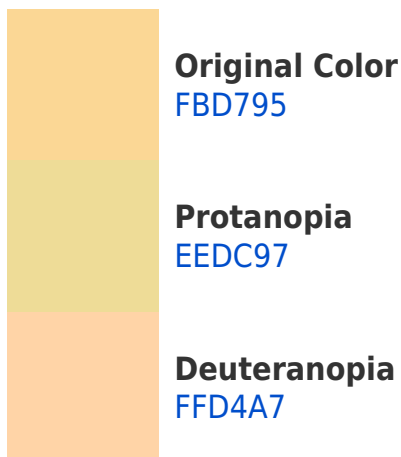


This preview shows how white text looks on a background with the Hex color FBD795.

# 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](#).

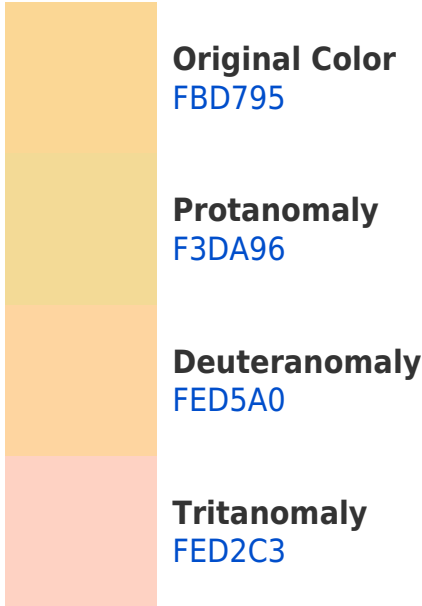
## Dichromacy





**Tritanopia**  
FFCFDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBD795 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 #FBD795 looks like.

```
.text, #text, p{  
    color:#FBD795  
}
```

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 #FBD795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBD795
}
```

## Border

The CSS property to change the border of an element to Hex FBD795 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
#FBD795 }
```

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

```
.border{ border-color:#FBD795 }
```

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

Here you see how a box with a 4 pixel #FBD795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBD795; -webkit-box-shadow:4px 4px  
4px 4px #FBD795; box-shadow:4px 4px 4px  
4px #FBD795 }
```

# Background

The CSS property to change the background color of an element to Hex FBD795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBD795 }
```

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

```
.background{ background-color:#FBD795 }
```

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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