

# Converting Colors

Hex(FFD796)

Have a look what the booklet for  
Hex(FFD796) contains.

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**Color**

**Hex(FFD796)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD796
RGB	255, 215, 150
RGB Percent	100%, 84%, 59%
CMY	0.0000, 0.1569, 0.4118
CMYK	0.00, 0.16, 0.41, 0.00
HSL	37°, 100%, 79%
HSV	37°, 41%, 100%
XYZ	71.0455, 72.0629, 39.0192
YIQ	219.5500, 44.7050, -11.7350

# Conversions

## Conversions Part 2

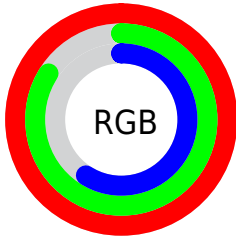
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 255, 150
Decimal	16766870
CIE Lab	88.00, 5.50, 37.25
CIE LCh	88, 37.653, 81.602
Yxy	72.0629, 0.3901, 0.3957
Android (android.graphics.Color)	4294956950 (0xFFFFD796)
YUV	219.5500, -34.2881, 31.0897
Hunter-Lab	84.8899, 0.8318, 32.1706

# Details

The Hex color **FFD796** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **96BEFF**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFCD**, and **C5A062** is the 20% darker color. If you saturate the color by 10%, you get **FFCD7D**, and if you desaturate by 10%, it is **FFE1B0**.

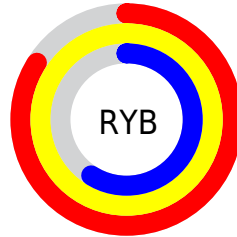
# Distribution



Red (100%)

Green (84%)

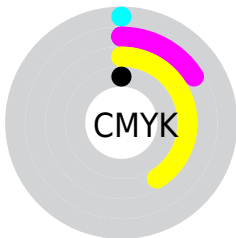
Blue (59%)



Red (84%)

Yellow (100%)

Blue (59%)

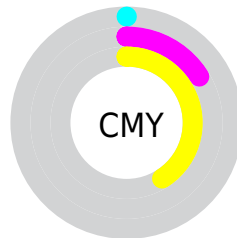


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD796 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 FFD796 by changing the saturation by 10% instead.



 FFD796

 FFD796

FFFFFF

 E1BB7C


 FFFFCF

 C5A062

 FFFFEE

 A8864A

 8C6D32

 71551A

 573E01

 3E2800

 251400

 000000

 FFD796

 FFD796

 FFCD7D

 FFE1B0

 FFC463

 FFEAC9

 FFBA4A

 FFF4E3

 FFB030

 FFFEFC

 FFA617

FFFFFF

 FF9E00

# Harmonies

## Analogous

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



FFCBA6



FFD796



DBE399

# Triad

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



FFD796



69F0F6



FFCBFF

# Complementary

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



FFD796



96BEFF

# 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.



D4D7FF



FFD796



71ECFF

# Square

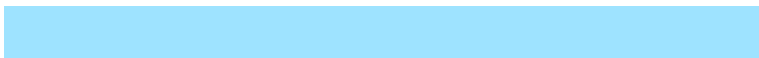
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFD796



88F0D1



9EE3FF



FFC3E8

# Rectangle

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



FFD796



C0E9A6



9EE3FF



F3CFFF



# Sweetspot

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



FFD796



FFF3E0



FF96BE



80796E



000000



808080



# Same Dimension

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



FFD796



FFCF82



F3FF96



807B73



BF7600



402700



# Inverse Universe

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



96BEFF



82B2FF



A296FF



737880



0049BF



001840



# Previews

## White Background



This preview shows how the Hex color FFD796 looks on a white background.

## Color Contrast Check

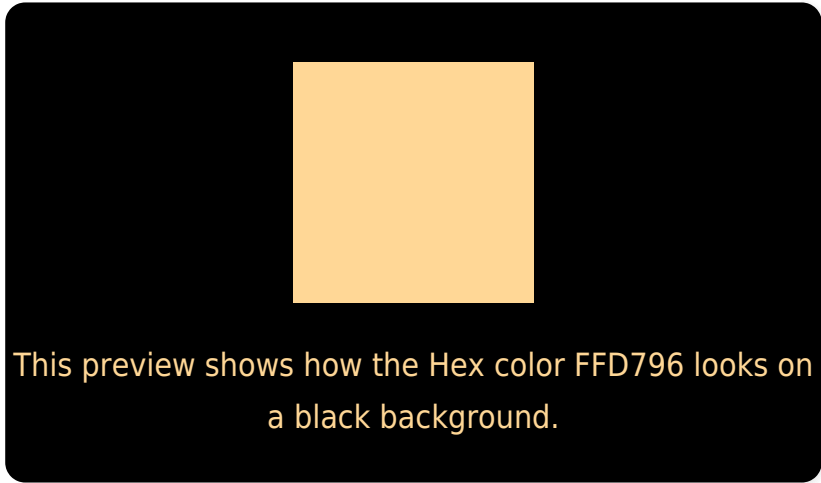
Large Text (above 18pt) WCAG AA × Fail

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

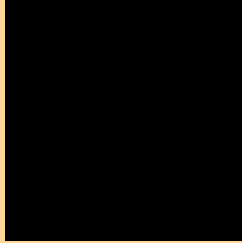
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFD796 Background



This preview shows how black text looks on a background with the Hex color FFD796.

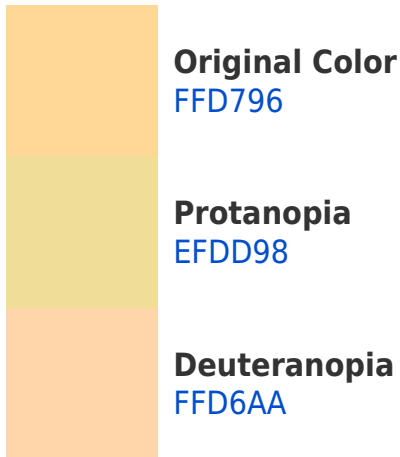


This preview shows how white text looks on a background with the Hex color FFD796.

# 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](#).

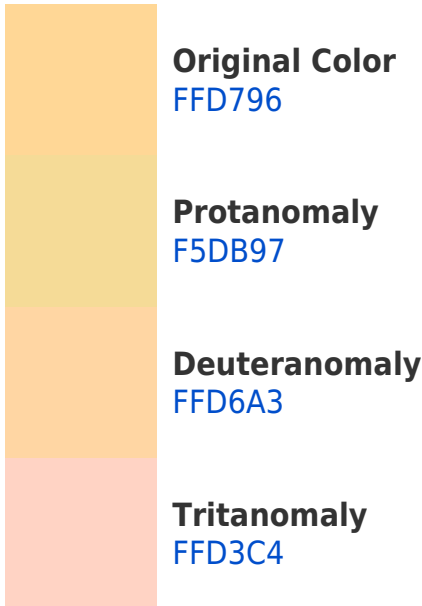
## Dichromacy



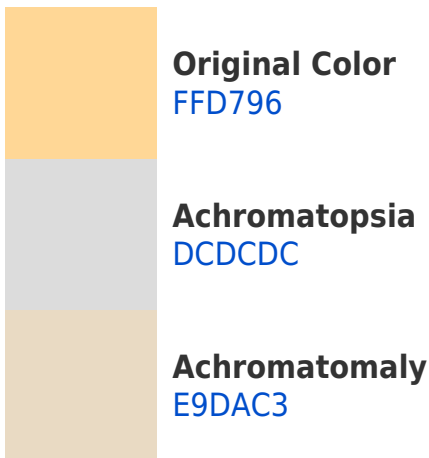


**Tritanopia**  
FFD1DE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD796 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 #FFD796 looks like.

```
.text, #text, p{  
    color:#FFD796  
}
```

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 #FFD796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD796
}
```

## Border

The CSS property to change the border of an element to Hex FFD796 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
#FFD796 }
```

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

```
.border{ border-color:#FFD796 }
```

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

Here you see how a box with a 4 pixel #FFD796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD796; -webkit-box-shadow:4px 4px  
4px 4px #FFD796; box-shadow:4px 4px 4px  
4px #FFD796 }
```

# Background

The CSS property to change the background color of an element to Hex FFD796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD796 }
```

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

```
.background{ background-color:#FFD796 }
```

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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