

# Converting Colors

Hex(FFD6B4)

Have a look what the booklet for  
Hex(FFD6B4) contains.

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# **Color**

**Hex(FFD6B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD6B4
RGB	255, 214, 180
RGB Percent	100%, 84%, 71%
CMY	0.0000, 0.1608, 0.2941
CMYK	0.00, 0.16, 0.29, 0.00
HSL	27°, 100%, 85%
HSV	27°, 29%, 100%
XYZ	73.5248, 72.6484, 53.3274
YIQ	222.3830, 35.3500, -1.8820

# Conversions

## Conversions Part 2

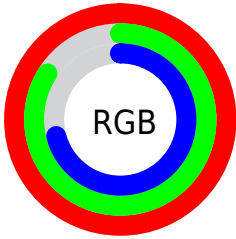
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 242, 180
Decimal	16766644
CIE Lab	88.28, 9.51, 22.14
CIE LCh	88, 24.097, 66.764
Yxy	72.6484, 0.3685, 0.3642
Android (android.graphics.Color)	4294956724 (0xFFFFD6B4)
YUV	222.3830, -20.8948, 28.6051
Hunter-Lab	85.2340, 4.8185, 22.5685

# Details

The Hex color **FFD6B4** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **B4DDFF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFEC**, and **C59F7F** is the 20% darker color. If you saturate the color by 10%, you get **FFC89B**, and if you desaturate by 10%, it is **FFE4CE**.

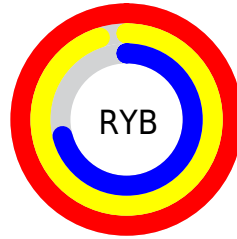
# Distribution



Red (100%)

Green (84%)

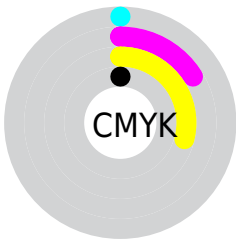
Blue (71%)



Red (100%)

Yellow (95%)

Blue (71%)

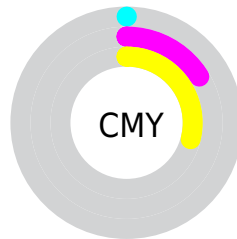


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD6B4 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 FFD6B4 by changing the saturation by 10% instead.



 FFD6B4

 FFD6B4

FFFFFF

 E2BA99

 FFFFEC

 C59F7F

 A98566

 8E6C4E

 745437

 5A3D21

 41270B

 291200

 050000

 FFD6B4

 FFD6B4

 FFC89B

 FFE4CE

 FFBA81

 FFF2E7

 FFAC68

FFFFFF

 FF9E4E

 FF9035

 FF821B

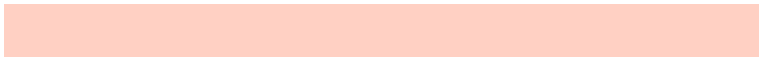
 FF7402

 FF7400

# Harmonies

## Analogous

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



FFD0C3



FFD6B4



EADEB0

# Triad

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



FFD6B4



A4EBE2



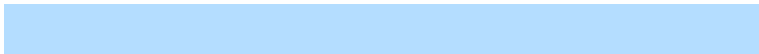
E8D6FF

# Complementary

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



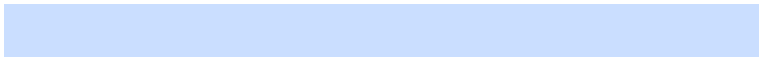
FFD6B4



B4DDFF

# 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.



CADEFF



FFD6B4



9FE9F8

# Square

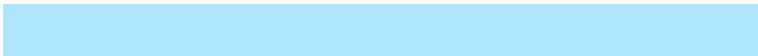
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFD6B4



B7E9CB



AEE5FF



FFD0F0

# Rectangle

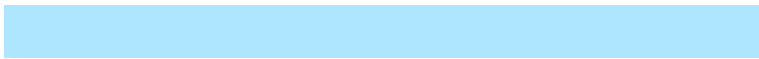
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD6B4



D9E2B4



AEE5FF



DED8FF



# Sweetspot

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



FFD6B4



FFF2E8



FFB4DD



807871



000000



808080



# Same Dimension

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



FFD6B4



FFCEA6



FFFBB4



807973



BF5700

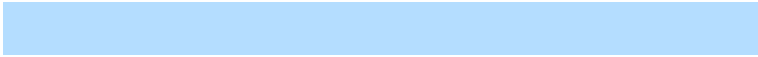


401D00

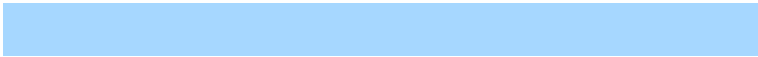


# Inverse Universe

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



B4DDFF



A6D7FF



B4B8FF



737A80



0069BF

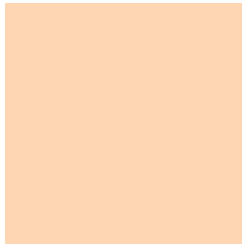


002340



# Previews

## White Background



This preview shows how the Hex color FFD6B4 looks on a white background.

## Color Contrast Check

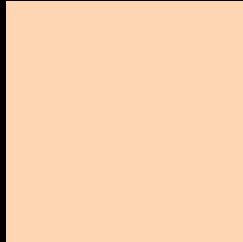
Large Text (above 18pt) WCAG AA × Fail

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 FFD6B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

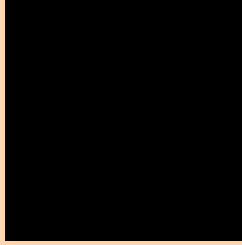
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFD6B4 Background



This preview shows how black text looks on a background with the Hex color FFD6B4.

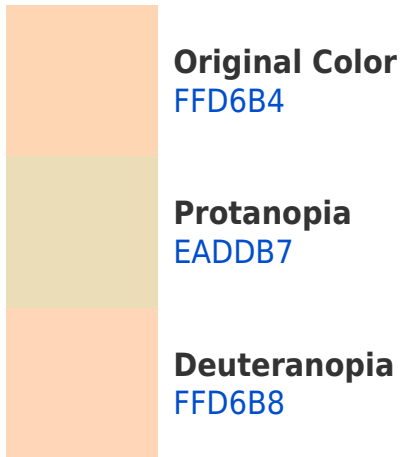


This preview shows how white text looks on a background with the Hex color FFD6B4.

# 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](#).

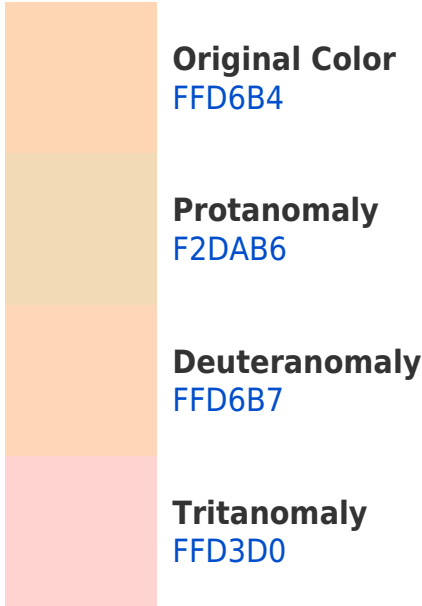
## Dichromacy



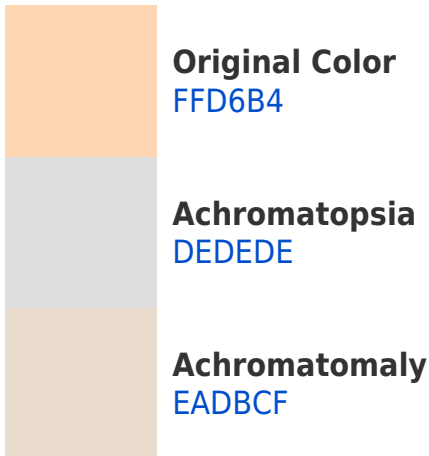


**Tritanopia**  
FFD2E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD6B4 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 #FFD6B4 looks like.

```
.text, #text, p{  
    color:#FFD6B4  
}
```

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 #FFD6B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD6B4
}
```

## Border

The CSS property to change the border of an element to Hex FFD6B4 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
#FFD6B4 }
```

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

```
.border{ border-color:#FFD6B4 }
```

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

Here you see how a box with a 4 pixel #FFD6B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD6B4; -webkit-box-shadow:4px 4px  
4px 4px #FFD6B4; box-shadow:4px 4px 4px  
4px #FFD6B4 }
```

# Background

The CSS property to change the background color of an element to Hex FFD6B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD6B4 }
```

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

```
.background{ background-color:#FFD6B4 }
```

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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