

# Converting Colors

Hex(FFD584)

Have a look what the booklet for  
Hex(FFD584) contains.

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**Color**

**Hex(FFD584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD584
RGB	255, 213, 132
RGB Percent	100%, 84%, 52%
CMY	0.0000, 0.1647, 0.4824
CMYK	0.00, 0.16, 0.48, 0.00
HSL	40°, 100%, 76%
HSV	40°, 48%, 100%
XYZ	69.1991, 70.5144, 31.7933
YIQ	216.3240, 51.0330, -16.2870

# Conversions

## Conversions Part 2

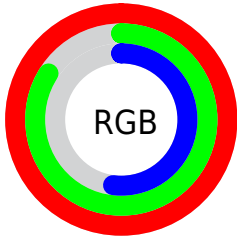
Format	Color
<a href="#">RYB</a>	<a href="#">196, 255, 132</a>
Decimal	<a href="#">16766340</a>
CIELab	<a href="#">87.25, 4.77, 45.33</a>
CIElCh	<a href="#">87, 45.580, 83.996</a>
Yxy	<a href="#">70.5144, 0.4035, 0.4111</a>
Android (android.graphics.Color)	<a href="#">4294956420 (0xFFFFD584)</a>
YUV	<a href="#">216.3240, -41.5717, 33.9189</a>
Hunter-Lab	<a href="#">83.9729, 0.1431, 36.3330</a>

# Details

The Hex color **FFD584** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **84AEFF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFBA**, and **C49F50** is the 20% darker color. If you saturate the color by 10%, you get **FFCC6B**, and if you desaturate by 10%, it is **FFDE9E**.

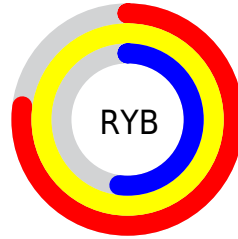
# Distribution



Red (100%)

Green (84%)

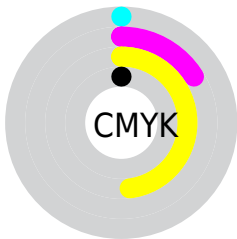
Blue (52%)



Red (77%)

Yellow (100%)

Blue (52%)

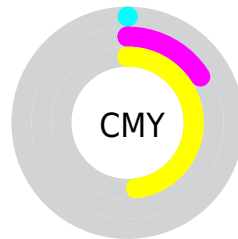


Cyan (0%)

Magenta (16%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD584 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 FFD584 by changing the saturation by 10% instead.



 FFD584

 FFD584

FFFFFF

 E1B96A

 FFFFBA

 C49F50

 FFFFD6

 A78538

 FFFFF3

 8B6B1E

 705301

 563C00

 3B2700

 221300

 000000

 FFD584

 FFD584

 FFCC6B

 FFDE9E

 FFC451

 FFE6B7

 FFBB38

 FFEFD1

 FFB21E

 FFF8EA

 FFA905

FFFFFF

 FFA800

# Harmonies

## Analogous

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



FFC696



FFD584



D4E38A

# Triad

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



FFD584



25F1FC



FFC3FF

# Complementary

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



FFD584



84AEFF

# 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.



D3D3FF



FFD584



3CECFF

# Square

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



FFD584



67F1D0



8CE2FF



FFBAE5

# Rectangle

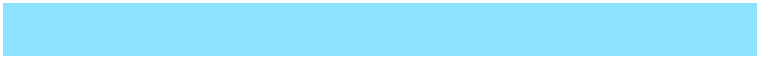
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD584



B3EA9B



8CE2FF



F9C8FF



# Sweetspot

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



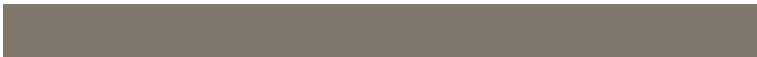
FFD584



FFF3DB



FF84AF



80786A



000000



808080



# Same Dimension

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



FFD584



FFCC6B



EDFF84



807B73



BF7E00



402A00



# Inverse Universe

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



84AEFF



6B9EFF



9684FF



737780



0041BF



001640



# Previews

## White Background



This preview shows how the Hex color FFD584 looks on a white background.

## Color Contrast Check

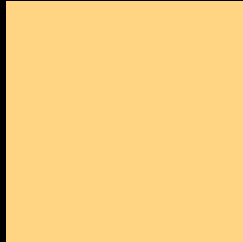
Large Text (above 18pt) WCAG AA × Fail

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 FFD584 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 FFD584 Background



This preview shows how black text looks on a background with the Hex color FFD584.

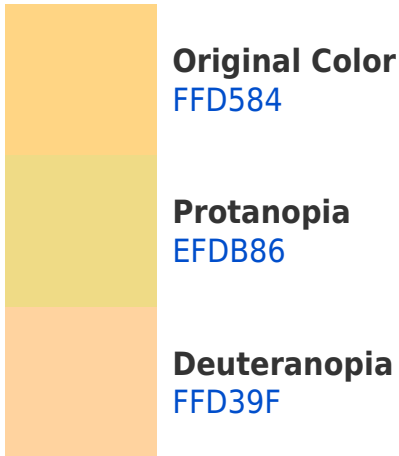


This preview shows how white text looks on a background with the Hex color FFD584.

# Color Blindness Simulation

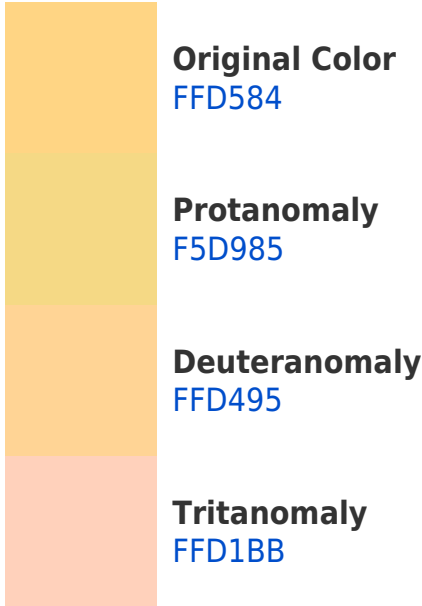
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

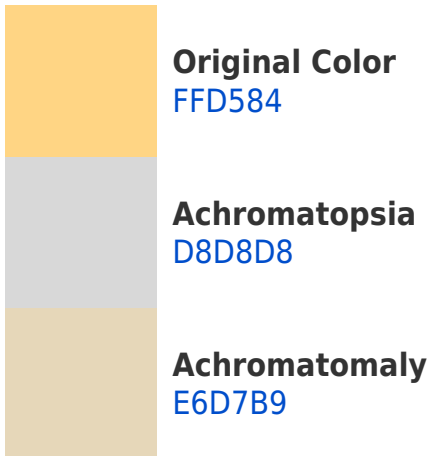




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD584 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 #FFD584 looks like.

```
.text, #text, p{  
    color:#FFD584  
}
```

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 #FFD584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD584
}
```

## Border

The CSS property to change the border of an element to Hex FFD584 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
#FFD584 }
```

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

```
.border{ border-color:#FFD584 }
```

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

Here you see how a box with a 4 pixel #FFD584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD584; -webkit-box-shadow:4px 4px  
4px 4px #FFD584; box-shadow:4px 4px 4px  
4px #FFD584 }
```

# Background

The CSS property to change the background color of an element to Hex FFD584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD584 }
```

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

```
.background{ background-color:#FFD584 }
```

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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