

# Converting Colors

Hex(FFD764)

Have a look what the booklet for  
Hex(FFD764) contains.

<b>Hex(FFD764)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FFD764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD764
RGB	255, 215, 100
RGB Percent	100%, 84%, 39%
CMY	0.0000, 0.1569, 0.6078
CMYK	0.00, 0.16, 0.61, 0.00
HSL	45°, 100%, 70%
HSV	45°, 61%, 100%
XYZ	67.8407, 70.7810, 22.1431
YIQ	213.8500, 60.7550, -27.2850

# Conversions

## Conversions Part 2

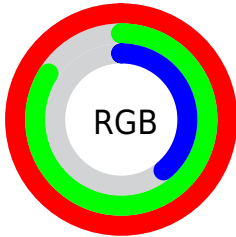
Format	Color
<a href="#">RYB</a>	154, 255, 100
Decimal	16766820
CIELab	87.38, 1.25, 60.63
CIELCh	87, 60.638, 88.824
Yxy	70.7810, 0.4220, 0.4403
Android (android.graphics.Color)	4294956900 (0xFFFFD764)
YUV	213.8500, -56.1280, 36.0886
Hunter-Lab	84.1314, -3.2938, 43.2871

# Details

The Hex color **FFD764** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **648CFF**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF9A**, and **C3A12D** is the 20% darker color. If you saturate the color by 10%, you get **FFD04B**, and if you desaturate by 10%, it is **FFDE7D**.

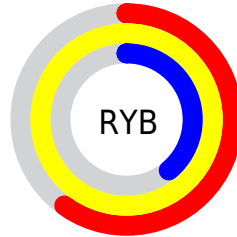
# Distribution



Red (100%)

Green (84%)

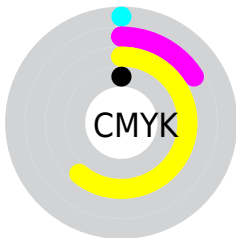
Blue (39%)



Red (60%)

Yellow (100%)

Blue (39%)

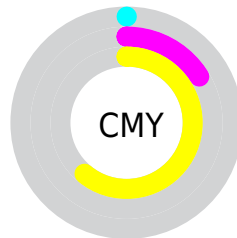


Cyan (0%)

Magenta (16%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD764 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 FFD764 by changing the saturation by 10% instead.



 FFD764

 FFD764

FFFFFF

 E1BB49

 FFFF9A

 C3A12D

 FFFFB6

 A6870A

 FFFFD3

 896D00

 FFFFF0

 6D5500

 523F00

 372900

 1F1500

 000000

 FFD764

 FFD764

 FFD04B

 FFDE7D

 FFCA31

 FFE497

 FFC318

 FFEBB1

 FFBD00

 FFF1CA

 FFF8E3

 FFFEFD

 FFFFFFFF

# Harmonies

## Analogous

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



FFC279



FFD764



C5E872

# Triad

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



FFD764



00F7FF



FFB7FF

# Complementary

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



FFD764



648CFF

# 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.



DBCDFE



FFD700



00FFFF

# Square

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



FFD764



00F8D7



6CE2FF



FFABE0

# Rectangle

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



FFD764



97F08C



6CE2FF



FFBEFF

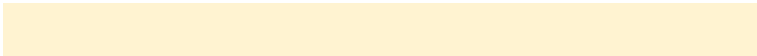


# Sweetspot

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



FFD764



FFF3D1



FF648D



807863



000000



808080



# Same Dimension

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



FFD764



FFCF45



DBFF64



807C73



BF8E00



402F00



# Inverse Universe

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



648CFF



4575FF



8864FF



737680



0031BF



001040



# Previews

## White Background



This preview shows how the Hex color FFD764 looks on a white background.

## Color Contrast Check

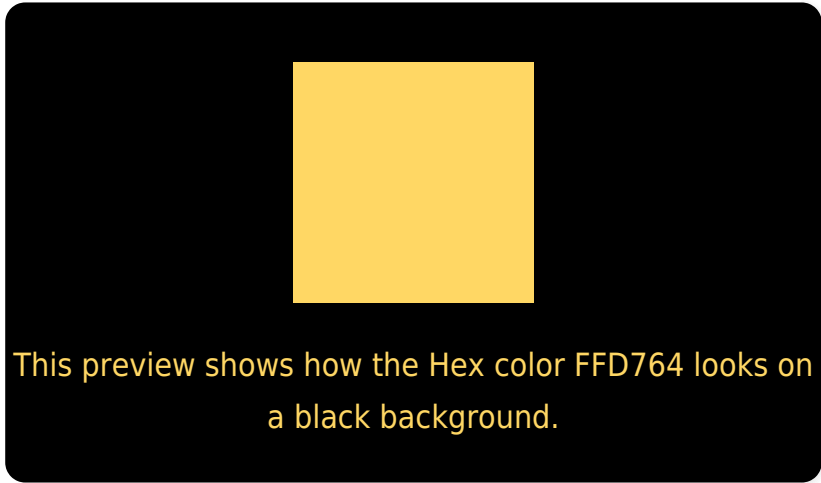
Large Text (above 18pt) WCAG AA × Fail

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 FFD764 Background



This preview shows how black text looks on a background with the Hex color FFD764.



This preview shows how white text looks on a background with the Hex color FFD764.

# 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



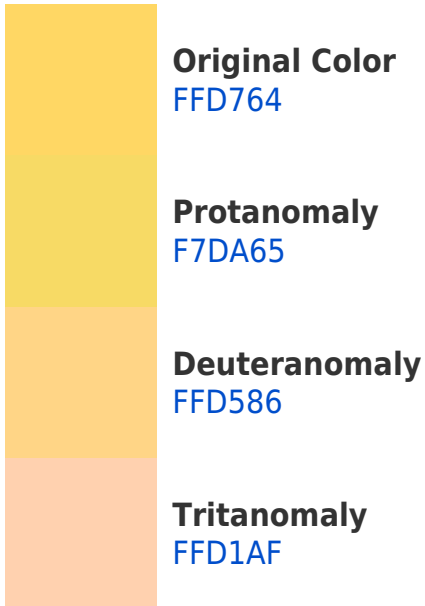
**Original Color**  
FFD764

**Protanopia**  
F3DB65

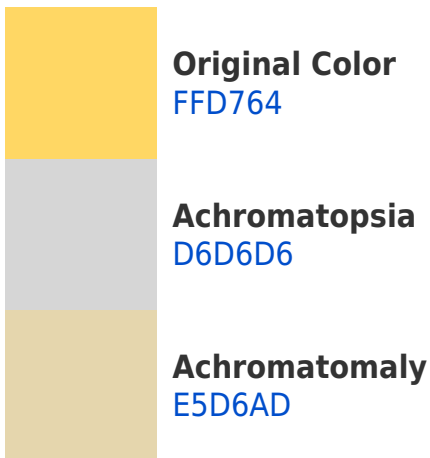
**Deuteranopia**  
FFD499



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD764 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 #FFD764 looks like.

```
.text, #text, p{  
    color:#FFD764  
}
```

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 #FFD764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD764
}
```

## Border

The CSS property to change the border of an element to Hex FFD764 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
#FFD764 }
```

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

```
.border{ border-color:#FFD764 }
```

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

Here you see how a box with a 4 pixel #FFD764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD764; -webkit-box-shadow:4px 4px  
4px 4px #FFD764; box-shadow:4px 4px 4px  
4px #FFD764 }
```

# Background

The CSS property to change the background color of an element to Hex FFD764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD764 }
```

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

```
.background{ background-color:#FFD764 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor