

Converting Colors

Hex(FFD84D)

Have a look what the booklet for
Hex(FFD84D) contains.

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Color

Hex(FFD84D)

Conversions

Conversions Part 1

Format	Color
Hex	FFD84D
RGB	255, 216, 77
RGB Percent	100%, 85%, 30%
CMY	0.0000, 0.1529, 0.6980
CMYK	0.00, 0.15, 0.70, 0.00
HSL	47°, 100%, 65%
HSV	47°, 70%, 100%
XYZ	67.1354, 70.9076, 17.1693
YIQ	211.8150, 67.8630, -34.9610

Conversions

Conversions Part 2

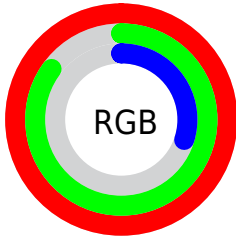
Format	Color
RYB	127, 255, 77
Decimal	16767053
CIELab	87.44, -0.57, 70.29
CIElCh	87, 70.297, 90.468
Yxy	70.9076, 0.4325, 0.4568
Android (android.graphics.Color)	4294957133 (0xFFFFD84D)
YUV	211.8150, -66.4638, 37.8732
Hunter-Lab	84.2066, -5.0489, 46.8557

Details

The Hex color **FFD84D** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4D74FF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF85**, and **C2A203** is the 20% darker color. If you saturate the color by 10%, you get **FFD234**, and if you desaturate by 10%, it is **FFDE67**.

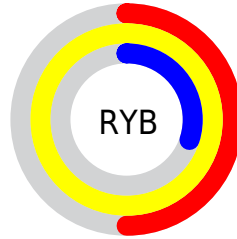
Distribution



Red (100%)

Green (85%)

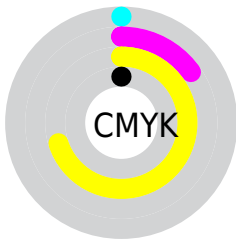
Blue (30%)



Red (50%)

Yellow (100%)

Blue (30%)

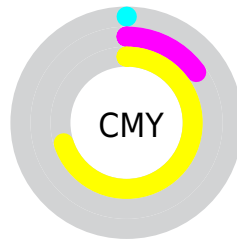


Cyan (0%)

Magenta (15%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFD84D 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 FFD84D by changing the saturation by 10% instead.

 FFD84D

 FFD84D

FFFFFF

 E0BC2F

 FFFF85

 C2A203

 FFFFA1

 A58800

 FFFFBE

 886F00

 FFFFDA

 6C5600

 FFFFF8

 504000

 352A00

 1D1600

 000000

 FFD84D

 FFD84D

 FFD234

 FFDE67

 FFCD1A

 FFE380

 FFC701

 FFE99A

 FFC700

 FFEEB3

 FFF4CD

 FFFAE6

FFFFFF

Harmonies

Analogous

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



FFBF66



FFD84D



BCEB61

Triad

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



FFD84D



00FBFF



FFAEFF

Complementary

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



FFD84D



4D74FF

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.



DFC9FF



FFD84D



00F3FF

Square

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



FFD84D



00FCDA



45E2FF



FF9FDD

Rectangle

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



FFD84D



83F482



45E2FF



FFB7FF

Sweetspot

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



FFD84D



FFF3C9



FF4D77



807960



000000



808080

Same Dimension

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



FFD84D



FFD029



D0FF4D



807D73



BF9500



403200

Inverse Universe

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



4D74FF



2958FF



7C4DFF



737680



002ABF



000E40

Previews

White Background



This preview shows how the Hex color FFD84D looks on a white background.

Color Contrast Check

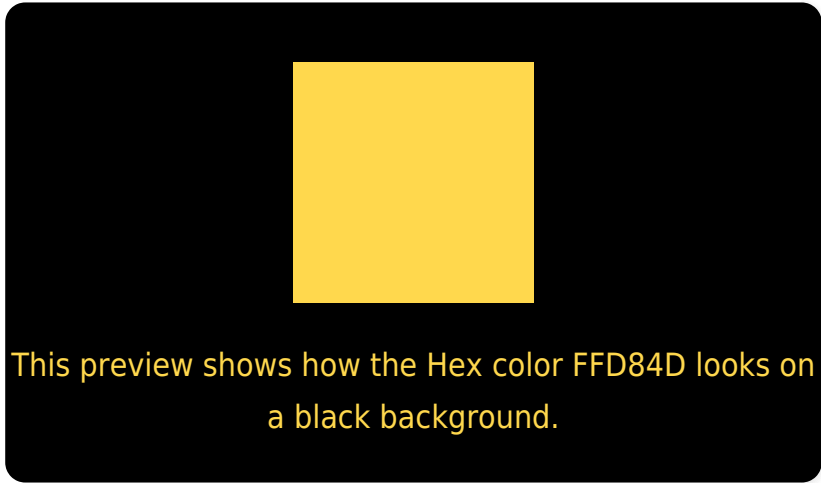
Large Text (above 18pt) WCAG AA × Fail

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 FFD84D Background



This preview shows how black text looks on a background with the Hex color FFD84D.

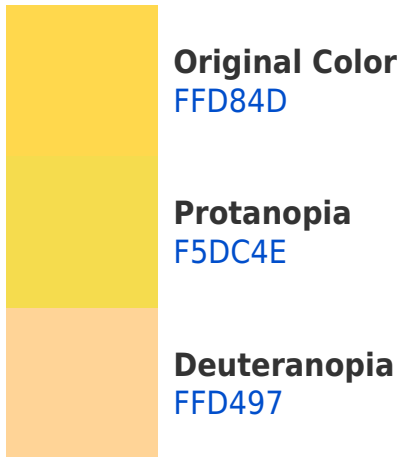


This preview shows how white text looks on a background with the Hex color FFD84D.

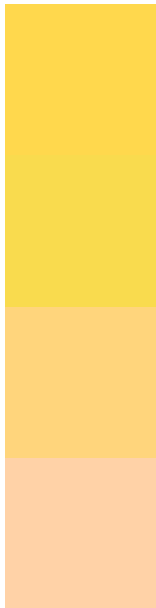
Color Blindness Simulation

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



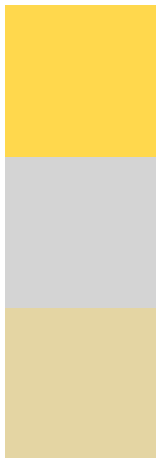
Original Color
FFD84D

Protanomaly
F9DB4E

Deuteranomaly
FFD57C

Tritanomaly
FFD2A7

Monochromacy



Original Color
FFD84D

Achromatopsia
D4D4D4

Achromatomaly
E4D5A3

CSS Examples

Text

The CSS property to change the color of the text to Hex FFD84D 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 #FFD84D looks like.

```
.text, #text, p{  
    color:#FFD84D  
}
```

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 #FFD84D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD84D
}
```

Border

The CSS property to change the border of an element to Hex FFD84D 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
#FFD84D }
```

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

```
.border{ border-color:#FFD84D }
```

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

Here you see how a box with a 4 pixel #FFD84D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD84D; -webkit-box-shadow:4px 4px  
4px 4px #FFD84D; box-shadow:4px 4px 4px  
4px #FFD84D }
```

Background

The CSS property to change the background color of an element to Hex FFD84D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD84D }
```

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

```
.background{ background-color:#FFD84D }
```

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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