

Converting Colors

Hex(FFD877)

Have a look what the booklet for
Hex(FFD877) contains.

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Color

Hex(FFD877)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFD877 |
| RGB | 255, 216, 119 |
| RGB Percent | 100%, 85%, 47% |
| CMY | 0.0000, 0.1529, 0.5333 |
| CMYK | 0.00, 0.15, 0.53, 0.00 |
| HSL | 43°, 100%, 73% |
| HSV | 43°, 53%, 100% |
| XYZ | 69.1256, 71.7036, 27.6496 |
| YIQ | 216.6030, 54.3810, -21.8990 |

Conversions

Conversions Part 2

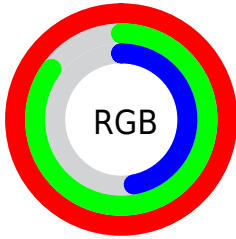
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 174, 255, 119 |
| Decimal | 16767095 |
| CIELab | 87.83, 2.12, 52.36 |
| CIELCh | 88, 52.402, 87.681 |
| Yxy | 71.7036, 0.4103, 0.4256 |
| Android (android.graphics.Color) | 4294957175 (0xFFFFD877) |
| YUV | 216.6030, -48.1183, 33.6742 |
| Hunter-Lab | 84.6780, -2.4707, 39.9148 |

Details

The Hex color **FFD877** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **779EFF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFAD**, and **C4A143** is the 20% darker color. If you saturate the color by 10%, you get **FFD15E**, and if you desaturate by 10%, it is **FFDF91**.

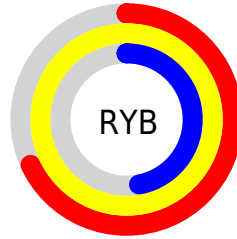
Distribution



Red (100%)

Green (85%)

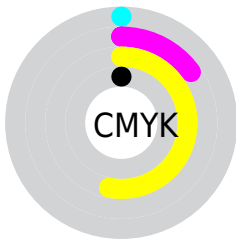
Blue (47%)



Red (68%)

Yellow (100%)

Blue (47%)

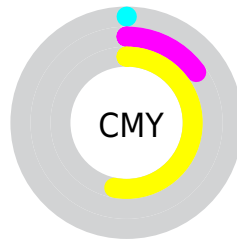


Cyan (0%)

Magenta (15%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFD877 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 FFD877 by changing the saturation by 10% instead.

 FFD877

 FFD877

FFFFFF

 E1BC5D

 FFFFAD

 C4A143

 FFFFC9

 A78729

 FFFF E6

 8A6E09

 6F5600

 543F00

 3A2A00

 211600

 000000

 FFD877

 FFD877

 FFD15E

 FFDF91

 FFC944

 FFE7AA

 FFC22A

 FFEEC3

 FFBB11

 FFF5DD

 FFB600

 FFFDF7

FFFFFF

Harmonies

Analogous

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



FFC689



FFD877



CCE781

Triad

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



FFD877



00F5FF



FFBFFF

Complementary

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



FFD877



779EFF

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.



DBD1FF



FFD877



00EFFF

Square

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



FFD877



3AF6D7



85E2FF



FFB4E2

Rectangle

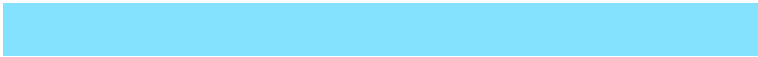
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD877



A6EE97



85E2FF



FFC4FF

Sweetspot

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



FFD877



FFF3D6



FF77A0



807967



000000



808080

Same Dimension

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



FFD877



FFD05C



E4FF77



807C73



BF8800



402D00

Inverse Universe

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



779EFF



5C8BFF



9277FF



737680



0037BF



001240

Previews

White Background



This preview shows how the Hex color FFD877 looks on a white background.

Color Contrast Check

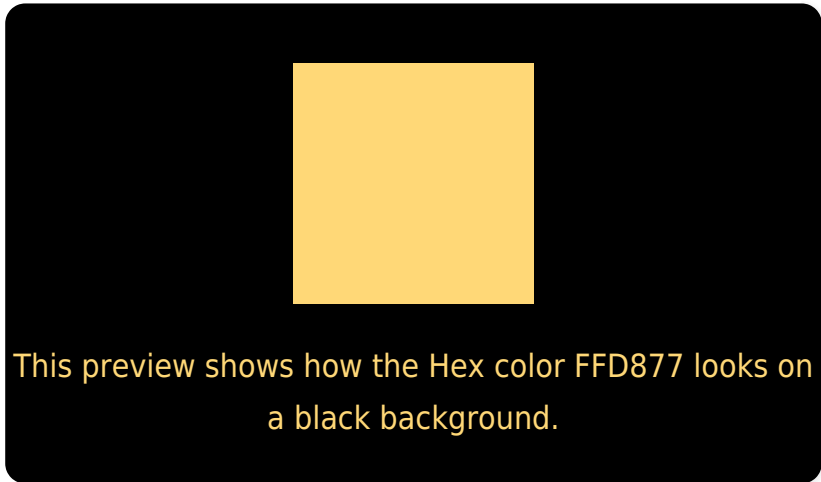
Large Text (above 18pt) WCAG AA × Fail

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 FFD877 Background



This preview shows how black text looks on a background with the Hex color FFD877.

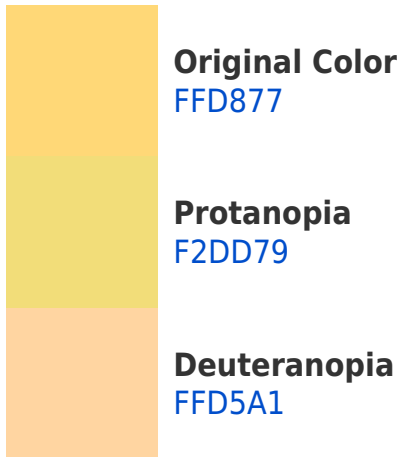


This preview shows how white text looks on a background with the Hex color FFD877.

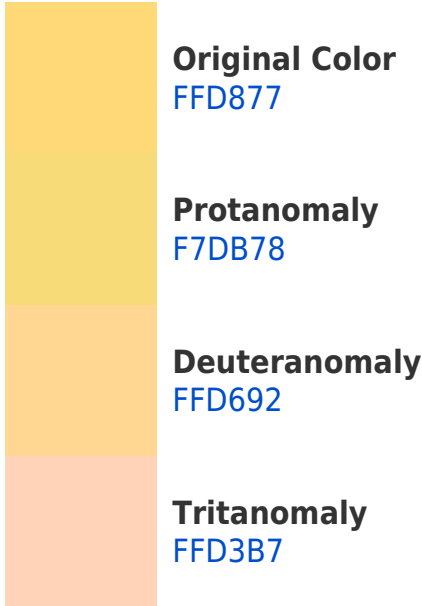
Color Blindness Simulation

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 FFD877 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 #FFD877 looks like.

```
.text, #text, p{  
    color:#FFD877  
}
```

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 #FFD877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD877  
}
```

Border

The CSS property to change the border of an element to Hex FFD877 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  
#FFD877 }
```

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

```
.border{ border-color:#FFD877 }
```

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

Here you see how a box with a 4 pixel #FFD877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD877; -webkit-box-shadow:4px 4px  
4px 4px #FFD877; box-shadow:4px 4px 4px  
4px #FFD877 }
```

Background

The CSS property to change the background color of an element to Hex FFD877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD877 }
```

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

```
.background{ background-color:#FFD877 }
```

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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