

Converting Colors

Hex(FFD868)

Have a look what the booklet for
Hex(FFD868) contains.

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Color

Hex(FFD868)

Conversions

Conversions Part 1

Format	Color
Hex	FFD868
RGB	255, 216, 104
RGB Percent	100%, 85%, 41%
CMY	0.0000, 0.1529, 0.5922
CMYK	0.00, 0.15, 0.59, 0.00
HSL	45°, 100%, 70%
HSV	45°, 59%, 100%
XYZ	68.2946, 71.3712, 23.2732
YIQ	214.8930, 59.1960, -26.5640

Conversions

Conversions Part 2

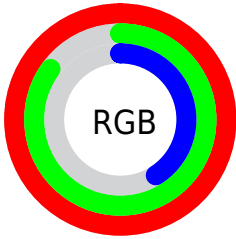
Format	Color
RYB	157, 255, 104
Decimal	16767080
CIELab	87.67, 1.00, 59.15
CIELCh	88, 59.160, 89.027
Yxy	71.3712, 0.4191, 0.4380
Android (android.graphics.Color)	4294957160 (0xFFFFD868)
YUV	214.8930, -54.6702, 35.1738
Hunter-Lab	84.4815, -3.5438, 42.8036

Details

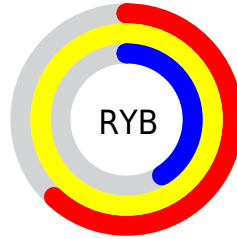
The Hex color **FFD868** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **688FFF**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF9E**, and **C3A232** is the 20% darker color. If you saturate the color by 10%, you get **FFD14F**, and if you desaturate by 10%, it is **FFDF82**.

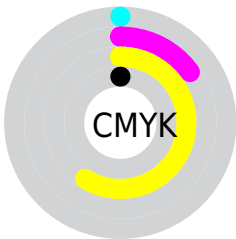
Distribution



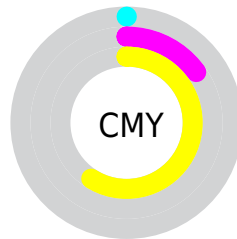
- Red (100%)
- Green (85%)
- Blue (41%)



- Red (62%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (15%)
- Yellow (59%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFD868 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 FFD868 by changing the saturation by 10% instead.

 FFD868

 FFD868

FFFFFF

 E1BC4D

 FFFF9E

 C3A232

 FFFFBA

 A68713

 FFFFD7

 896E00

 FFFFF4

 6E5600

 523F00

 382A00

 1F1600

 000000

 FFD868

 FFD868

 FFD14F

 FFDF82

 FFCB35

 FFE59B

 FFC41B

 FFECB4

 FFBE02

 FFF2CE

 FFBD00

 FFF9E8

FFFFFF

Harmonies

Analogous

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



FFC47C



FFD868



C6E976

Triad

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



FFD868



00F8FF



FFB9FF

Complementary

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



FFD868



688FFF

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.



DDCEFF



FFD868



00F0FF

Square

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



FFD868



00F8D8



73E2FF



FFAED0

Rectangle

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



FFD868



99F08F



73E2FF



FFBFFF

Sweetspot

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



FFD868



FFF3D1



FF6890



807863



000000



808080

Same Dimension

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



FFD868



FFD04A



DCFF68



807C73



BF8E00



402F00

Inverse Universe

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



688FFF



4A79FF



8B68FF



737680



0031BF



001040

Previews

White Background



This preview shows how the Hex color FFD868 looks on a white background.

Color Contrast Check

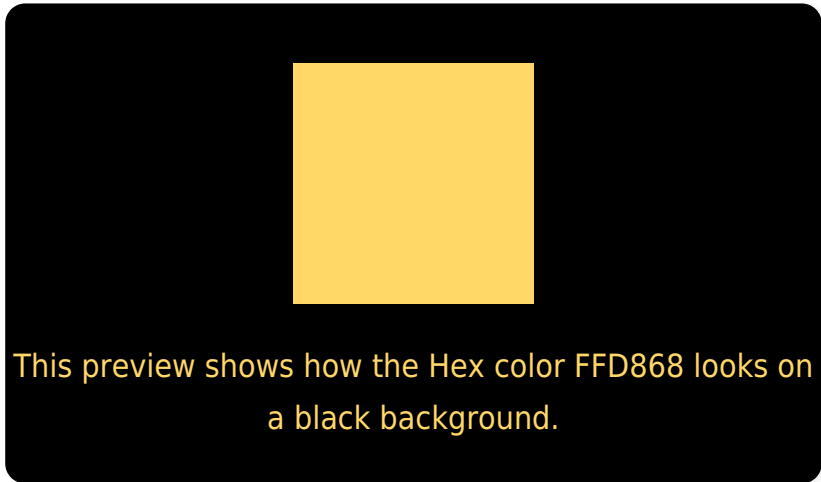
Large Text (above 18pt) WCAG AA × Fail

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 FFD868 Background



This preview shows how black text looks on a background with the Hex color FFD868.

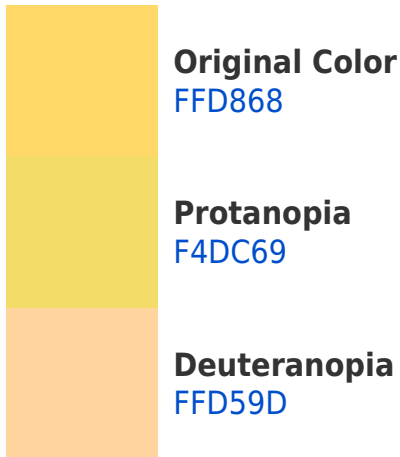



This preview shows how white text looks on a background with the Hex color FFD868.

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](#).

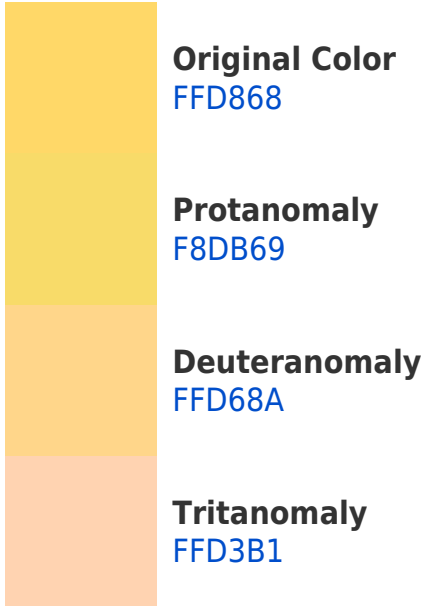
Dichromacy





Tritanopia
FFD0DB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFD868 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 #FFD868 looks like.

```
.text, #text, p{  
    color:#FFD868  
}
```

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 #FFD868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD868  
}
```

Border

The CSS property to change the border of an element to Hex FFD868 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  
#FFD868 }
```

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

```
.border{ border-color:#FFD868 }
```

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

Here you see how a box with a 4 pixel #FFD868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD868; -webkit-box-shadow:4px 4px  
4px 4px #FFD868; box-shadow:4px 4px 4px  
4px #FFD868 }
```

Background

The CSS property to change the background color of an element to Hex FFD868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD868 }
```

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

```
.background{ background-color:#FFD868 }
```

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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