

Converting Colors

Hex(FFD861)

Have a look what the booklet for
Hex(FFD861) contains.

Hex(FFD861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFD861)

Conversions

Conversions Part 1

Format	Color
Hex	FFD861
RGB	255, 216, 97
RGB Percent	100%, 85%, 38%
CMY	0.0000, 0.1529, 0.6196
CMYK	0.00, 0.15, 0.62, 0.00
HSL	45°, 100%, 69%
HSV	45°, 62%, 100%
XYZ	67.9535, 71.2348, 21.4774
YIQ	214.0950, 61.4430, -28.7410

Conversions

Conversions Part 2

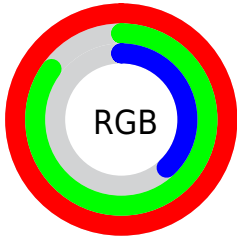
Format	Color
RYB	149, 255, 97
Decimal	16767073
CIELab	87.60, 0.54, 62.20
CIELCh	88, 62.199, 89.500
Yxy	71.2348, 0.4229, 0.4434
Android (android.graphics.Color)	4294957153 (0xFFFFD861)
YUV	214.0950, -57.7278, 35.8737
Hunter-Lab	84.4007, -3.9856, 43.9930

Details

The Hex color **FFD861** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6188FF**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF98**, and **C3A22A** is the 20% darker color. If you saturate the color by 10%, you get **FFD247**, and if you desaturate by 10%, it is **FFDE7A**.

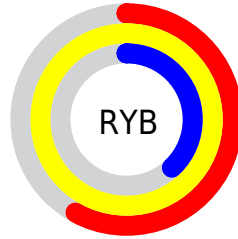
Distribution



Red (100%)

Green (85%)

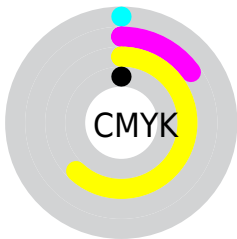
Blue (38%)



Red (58%)

Yellow (100%)

Blue (38%)

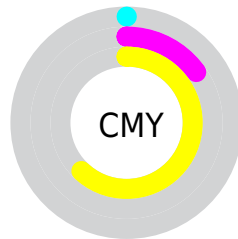


Cyan (0%)

Magenta (15%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Hex color FFD861 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 FFD861 by changing the saturation by 10% instead.

 FFD861

 FFD861

FFFFFF

 E1BC46

 FFFF98

 C3A22A

 FFFFB3

 A68701

 FFFF00

 896E00

 FFFFED

 6D5600

 523F00

 372A00

 1F1600

 000000

 FFD861

 FFD861

 FFD247

 FFDE7A

 FFCB2E

 FFE594

 FFC514

 FFEBAE

 FFC000

 FFF1C7

 FFF7E1

 FFFEFA

FFFFFF

Harmonies

Analogous

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



FFC276



FFD861



C3E970

Triad

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



FFD861



00F8FF



FFB6FF

Complementary

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



FFD861



6188FF

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.



DDCCFF



FFD861



00F1FF

Square

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



FFD861



00F9D9



6AE2FF



FFA9DF

Rectangle

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



FFD861



93F18C



6AE2FF



FFBDF5

Sweetspot

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



FFD861



FFF3CF



FF6189



807862



000000



808080

Same Dimension

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



FFD861



FFD042



D8FF61



807C73



BF9000



403000

Inverse Universe

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



6188FF



4271FF



8961FF



737680



002FBF



001040

Previews

White Background



This preview shows how the Hex color FFD861 looks on a white background.

Color Contrast Check

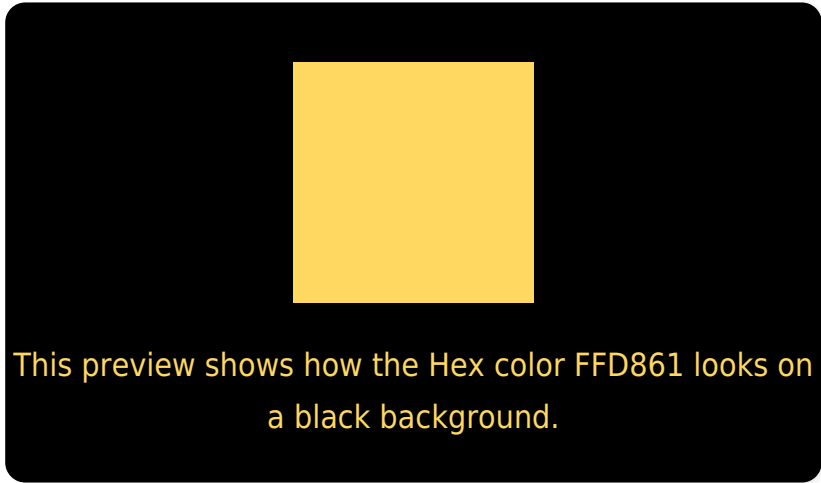
Large Text (above 18pt) WCAG AA × Fail

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 FFD861 Background



This preview shows how black text looks on a background with the Hex color FFD861.

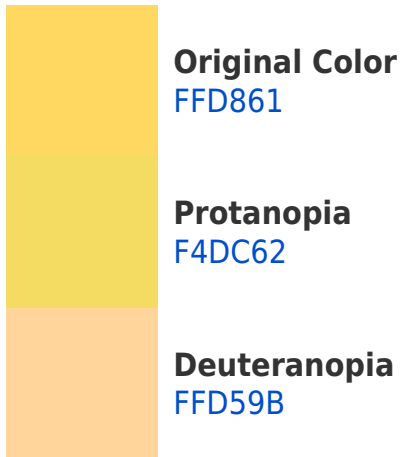


This preview shows how white text looks on a background with the Hex color FFD861.

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](#).

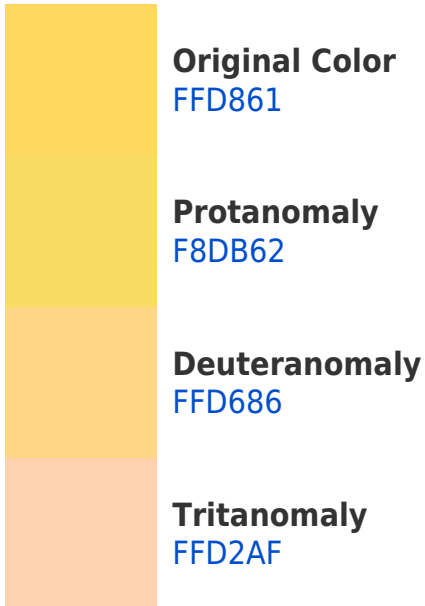
Dichromacy



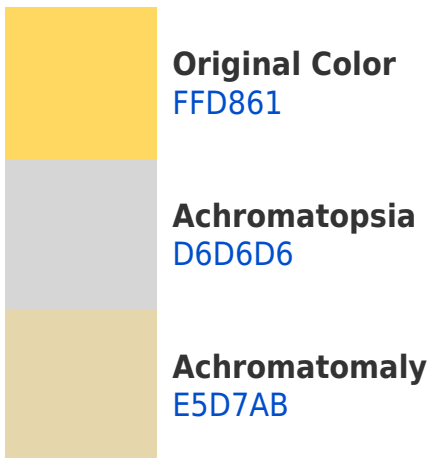


Tritanopia
FFCFDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFD861 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 #FFD861 looks like.

```
.text, #text, p{  
    color:#FFD861  
}
```

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 #FFD861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD861
}
```

Border

The CSS property to change the border of an element to Hex FFD861 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
#FFD861 }
```

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

```
.border{ border-color:#FFD861 }
```

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

Here you see how a box with a 4 pixel #FFD861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD861; -webkit-box-shadow:4px 4px  
4px 4px #FFD861; box-shadow:4px 4px 4px  
4px #FFD861 }
```

Background

The CSS property to change the background color of an element to Hex FFD861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD861 }
```

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

```
.background{ background-color:#FFD861 }
```

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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