

Converting Colors

Hex(FFDD37)

Have a look what the booklet for
Hex(FFDD37) contains.

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Color

Hex(FD37)

Conversions

Conversions Part 1

Format	Color
Hex	FFDD37
RGB	255, 221, 55
RGB Percent	100%, 87%, 22%
CMY	0.0000, 0.1333, 0.7843
CMYK	0.00, 0.13, 0.78, 0.00
HSL	50°, 100%, 61%
HSV	50°, 78%, 100%
XYZ	67.7860, 73.2487, 14.1801
YIQ	212.2420, 73.5500, -44.4180

Conversions

Conversions Part 2

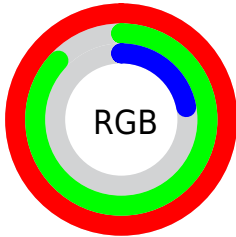
Format	Color
R _Y B	96, 255, 55
Decimal	16768311
CIE Lab	88.57, -3.99, 78.91
CIE LCh	89, 79.011, 92.898
Yxy	73.2487, 0.4367, 0.4719
Android (android.graphics.Color)	4294958391 (0xFFFFDD37)
YUV	212.2420, -77.5203, 37.4988
Hunter-Lab	85.5855, -8.3977, 50.0864

Details

The Hex color **FFDD37** 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 **3759FF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF73**, and **C2A600** is the 20% darker color. If you saturate the color by 10%, you get **FFD91D**, and if you desaturate by 10%, it is **FFE151**.

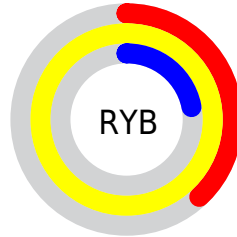
Distribution



Red (100%)

Green (87%)

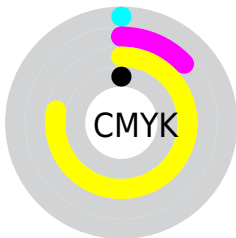
Blue (22%)



Red (38%)

Yellow (100%)

Blue (22%)

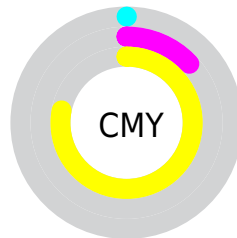


Cyan (0%)

Magenta (13%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFDD37 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 FFDD37 by changing the saturation by 10% instead.

 FFDD37

 FFDD37

FFFFFF

 E0C10A

 FFFF73

 C2A600

 FFFF90

 A48C00

 FFFFAD

 877300

 FFFFCA

 6A5B00

 FFFFEE7

 4E4400

 342E00

 1C1A00

 000000

 FFDD37

 FFDD37

 FFD91D

 FFE151

 FFD404

 FFE66A

 FFD400

 FFEA84

 FFEE9D

 FFF3B6

 FFF7D0

 FFFBEA

FFFFFF

Harmonies

Analogous

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



FFC155



FFDD37



B2F156

Triad

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



FFDD37



00FFFF



FFA7FF

Complementary

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



FFDD37



3759FF

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.



EAC7FF



FFDD37



00F8FF

Square

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



FFDD37



00FFE4



18E5FF



FF97DA

Rectangle

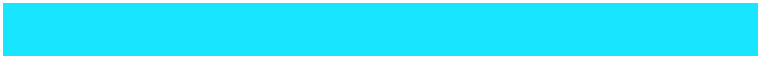
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFDD37



6DFA7F



18E5FF



FFB1FF

Sweetspot

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



FFDD37



FFF5C2



FF375C



80795B



000000



808080

Same Dimension

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



FFDD37



FFD60F



C0FF37



807D73



BF9F00



403500

Inverse Universe

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



3759FF



0F38FF



7637FF



737580



0021BF



000B40

Previews

White Background



This preview shows how the Hex color FFDD37 looks on a white background.

Color Contrast Check

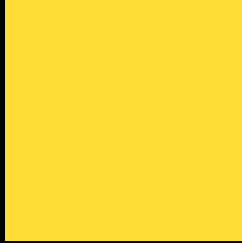
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FFDD37 looks on a 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 FFDD37 Background



This preview shows how black text looks on a background with the Hex color FFDD37.



This preview shows how white text looks on a background with the Hex color FFDD37.

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
FFDD37

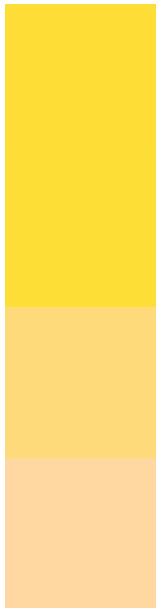
Protanopia
FADF37

Deuteranopia
FFD8A1



Tritanopia
FFD3DE

Trichromacy



Original Color
FFDD37

Protanomaly
FCDE37

Deuteranomaly
FFDA7A

Tritanomaly
FFD7A1

Monochromacy



Original Color
FFDD37

Achromatopsia
D4D4D4

Achromatomaly
E4D79B

CSS Examples

Text

The CSS property to change the color of the text to Hex FFDD37 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 #FFDD37 looks like.

```
.text, #text, p{  
    color:#FFDD37  
}
```

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 #FFDD37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDD37
}
```

Border

The CSS property to change the border of an element to Hex FFDD37 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
#FFDD37 }
```

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

```
.border{ border-color:#FFDD37 }
```

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

Here you see how a box with a 4 pixel #FFDD37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDD37; -webkit-box-shadow:4px 4px  
4px 4px #FFDD37; box-shadow:4px 4px 4px  
4px #FFDD37 }
```

Background

The CSS property to change the background color of an element to Hex FFDD37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDD37 }
```

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

```
.background{ background-color:#FFDD37 }
```

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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