

Converting Colors

Hex(FFDD1B)

Have a look what the booklet for
Hex(FFDD1B) contains.

Hex(FFDD1B)	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(FFDD1B)

Conversions

Conversions Part 1

Format	Color
Hex	FFDD1B
RGB	255, 221, 27
RGB Percent	100%, 87%, 11%
CMY	0.0000, 0.1333, 0.8941
CMYK	0.00, 0.13, 0.89, 0.00
HSL	51°, 100%, 55%
HSV	51°, 89%, 100%
XYZ	67.2943, 73.0520, 11.5906
YIQ	209.0500, 82.5380, -53.1260

Conversions

Conversions Part 2

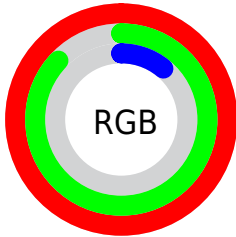
Format	Color
RYB	67, 255, 27
Decimal	16768283
CIELab	88.47, -4.67, 85.34
CIELCh	88, 85.467, 93.135
Yxy	73.0520, 0.4429, 0.4808
Android (android.graphics.Color)	4294958363 (0xFFFFDD1B)
YUV	209.0500, -89.7506, 40.2982
Hunter-Lab	85.4705, -9.0333, 51.7891

Details

The Hex color **FFDD1B** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **1B3DFF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF62**, and **C1A600** is the 20% darker color. If you saturate the color by 10%, you get **FFD901**, and if you desaturate by 10%, it is **FFE134**.

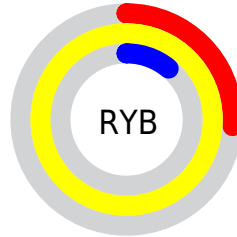
Distribution



Red (100%)

Green (87%)

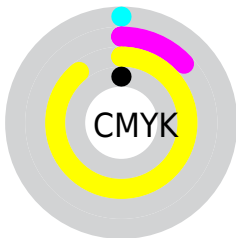
Blue (11%)



Red (26%)

Yellow (100%)

Blue (11%)

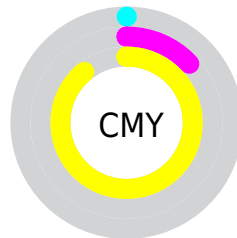


Cyan (0%)

Magenta (13%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFDD1B 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 FFDD1B by changing the saturation by 10% instead.

 FFDD1B

 FFDD1B

FFFFFF

 E0C100

 FFFF62

 C1A600

 FFFF80

 A38C00

 FFFF9D

 867300

 FFFFBA

 695B00

 FFFF80

 4D4400

 FFFFF6

 332E00

 1B1A00

 000000

 FFDD1B

 FFDD1B

 FFD901

 FFE134

 FFD900

 FFE54E

 FFE867

 FFEC81

 FFF09A

 FFF4B4

 FFF8CD

 FFFBE7

FFFFFF

Harmonies

Analogous

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



FFBE46



FFDD1B



ACF347

Triad

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



FFDD1B



00FFFF



FFA0FF

Complementary

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



FFDD1B



1B3DFF

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.



EAC5FF



FFDD1B



00F9FF

Square

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



FFDD1B



00FE4



00E5FF



FF8ED9

Rectangle

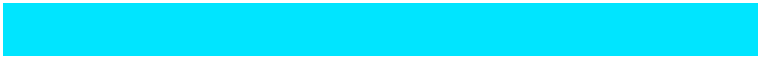
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFDD1B



5BFC76



00E5FF



FFACFF

Sweetspot

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



FFDD1B



FFF5BA



FF1B3D



807957



000000



808080

Same Dimension

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



FFDD1B



FFD900



AFFF1B



807E73



BFA300



403600

Inverse Universe

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



1B3DFF



0026FF



6B1BFF



737580



001DBF



000A40

Previews

White Background



This preview shows how the Hex color FFDD1B looks on a white background.

Color Contrast Check

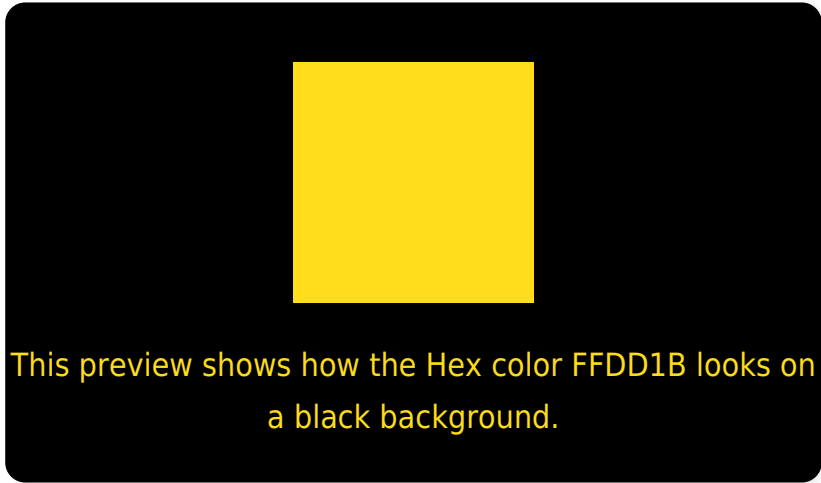
Large Text (above 18pt) WCAG AA × Fail

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 FFDD1B Background



This preview shows how black text looks on a background with the Hex color FFDD1B.



This preview shows how white text looks on a background with the Hex color FFDD1B.

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
FFDD1B

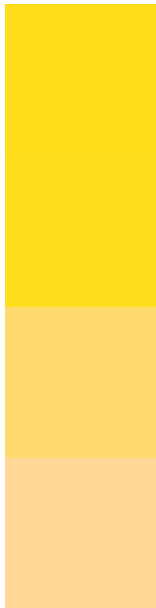
Protanopia
FADF1C

Deuteranopia
FFD89F



Tritanopia
FFD3DE

Trichromacy



Original Color
FFDD1B

Protanomaly
FCDE1C

Deuteranomaly
FFDA6F

Tritanomaly
FFD797

Monochromacy



Original Color
FFDD1B

Achromatopsia
D1D1D1

Achromatomaly
E2D58F

CSS Examples

Text

The CSS property to change the color of the text to Hex FFDD1B 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 #FFDD1B looks like.

```
.text, #text, p{  
    color:#FFDD1B  
}
```

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 #FFDD1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDD1B
}
```

Border

The CSS property to change the border of an element to Hex FFDD1B 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
#FFDD1B }
```

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

```
.border{ border-color:#FFDD1B }
```

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

Here you see how a box with a 4 pixel #FFDD1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDD1B; -webkit-box-shadow:4px 4px  
4px 4px #FFDD1B; box-shadow:4px 4px 4px  
4px #FFDD1B }
```

Background

The CSS property to change the background color of an element to Hex FFDD1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDD1B }
```

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

```
.background{ background-color:#FFDD1B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor