

Converting Colors

Hex(FFDB34)

Have a look what the booklet for
Hex(FFDB34) contains.

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Color

Hex(FFDB34)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB34
RGB	255, 219, 52
RGB Percent	100%, 86%, 20%
CMY	0.0000, 0.1412, 0.7961
CMYK	0.00, 0.14, 0.80, 0.00
HSL	49°, 100%, 60%
HSV	49°, 80%, 100%
XYZ	67.1914, 72.1710, 13.6378
YIQ	210.7260, 75.0630, -44.3050

Conversions

Conversions Part 2

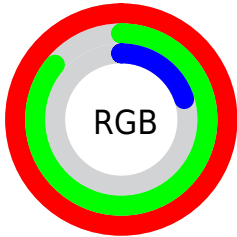
Format	Color
R_{YB}	96, 255, 52
Decimal	16767796
CIE _{Lab}	88.05, -3.08, 79.33
CIE _{LCh}	88, 79.391, 92.226
Yxy	72.1710, 0.4392, 0.4717
Android (android.graphics.Color)	4294957876 (0xFFFFDB34)
YUV	210.7260, -78.2519, 38.8283
Hunter-Lab	84.9535, -7.4895, 49.9494

Details

The Hex color **FFDB34** 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 **3458FF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF71**, and **C2A400** is the 20% darker color. If you saturate the color by 10%, you get **FFD61A**, and if you desaturate by 10%, it is **FFE04E**.

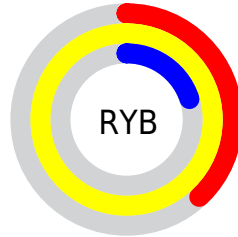
Distribution



Red (100%)

Green (86%)

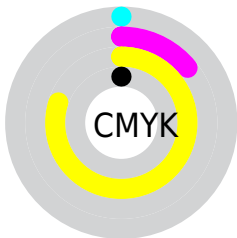
Blue (20%)



Red (38%)

Yellow (100%)

Blue (20%)

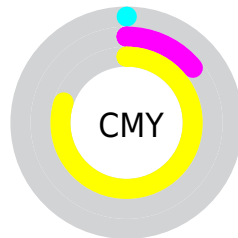


Cyan (0%)

Magenta (14%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFDB34 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 FFDB34 by changing the saturation by 10% instead.

 FFDB34

 FFDB34

FFFFFF

 E0BF02

 FFFF71

 C2A400

 FFFF8E

 A48A00

 FFFFAA

 877100

 FFFFC7

 6A5900

 FFFF E5

 4E4200

 342C00

 1C1800

 000000

 FFDB34

 FFDB34

 FFD61A

 FFE04E

 FFD201

 FFE467

 FFD200

 FFE981

 FFED9A

 FFF2B3

 FFF6CD

 FFFBE7

FFFFFF

Harmonies

Analogous

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



FFBF54



FFDB34



B2F052

Triad

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



FFDB34



00FFFF



FFA6FF

Complementary

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



FFDB34



3458FF

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.



E5C6FF



FFDB34



00F7FF

Square

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



FFDB34



00FFE0



00E4FF



FF95DA

Rectangle

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



FFDB34



6DF97B



00E4FF



FFB0FF

Sweetspot

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



FFDB34



FFF4C2



FF3459



80795B



000000



808080

Same Dimension

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



FFDB34



FFD40A



BFFF34



807D73



BF9D00



403400

Inverse Universe

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



3458FF



0A36FF



7434FF



737580



0022BF



000B40

Previews

White Background



This preview shows how the Hex color FFDB34 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 FFDB34 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 FFDB34 Background



This preview shows how black text looks on a background with the Hex color FFDB34.

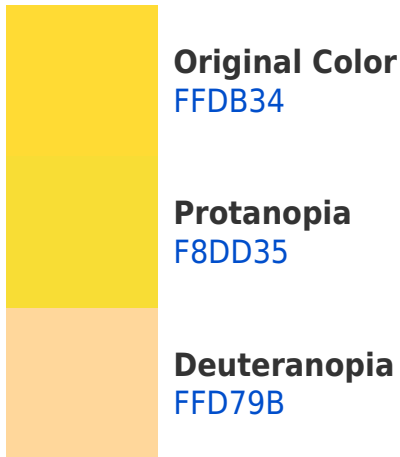


This preview shows how white text looks on a background with the Hex color FFDB34.

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](#).

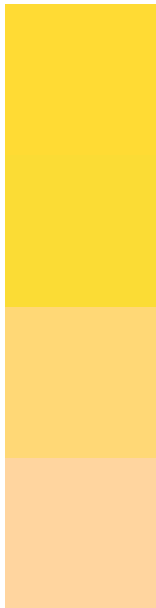
Dichromacy





Tritanopia
FFD1DC

Trichromacy



Original Color
FFDB34

Protanomaly
FBDC35

Deuteranomaly
FFD876

Tritanomaly
FFD59F

Monochromacy



Original Color
FFDB34

Achromatopsia
D3D3D3

Achromatomaly
E3D699

CSS Examples

Text

The CSS property to change the color of the text to Hex FFDB34 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 #FFDB34 looks like.

```
.text, #text, p{  
    color:#FFDB34  
}
```

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 #FFDB34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDB34
}
```

Border

The CSS property to change the border of an element to Hex FFDB34 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
#FFDB34 }
```

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

```
.border{ border-color:#FFDB34 }
```

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

Here you see how a box with a 4 pixel #FFDB34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDB34; -webkit-box-shadow:4px 4px  
4px 4px #FFDB34; box-shadow:4px 4px 4px  
4px #FFDB34 }
```

Background

The CSS property to change the background color of an element to Hex FFDB34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDB34 }
```

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

```
.background{ background-color:#FFDB34 }
```

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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