

Converting Colors

Hex(FFD133)

Have a look what the booklet for
Hex(FFD133) contains.

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Color

Hex(FFD133)

Conversions

Conversions Part 1

Format	Color
Hex	FFD133
RGB	255, 209, 51
RGB Percent	100%, 82%, 20%
CMY	0.0000, 0.1804, 0.8000
CMYK	0.00, 0.18, 0.80, 0.00
HSL	46°, 100%, 60%
HSV	46°, 80%, 100%
XYZ	64.6380, 67.0999, 12.6768
YIQ	204.7420, 78.1340, -39.3860

Conversions

Conversions Part 2

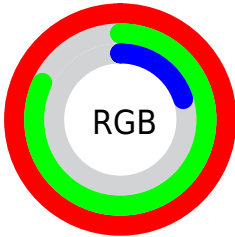
Format	Color
RYB	110, 255, 51
Decimal	16765235
CIELab	85.55, 1.96, 77.43
CIElCh	86, 77.460, 88.548
Yxy	67.0999, 0.4476, 0.4646
Android (android.graphics.Color)	4294955315 (0xFFFFD133)
YUV	204.7420, -75.7948, 44.0763
Hunter-Lab	81.9146, -2.4978, 48.1647

Details

The Hex color **FFD133** 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 **3361FF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF6F**, and **C29B00** is the 20% darker color. If you saturate the color by 10%, you get **FFCB19**, and if you desaturate by 10%, it is **FFD74D**.

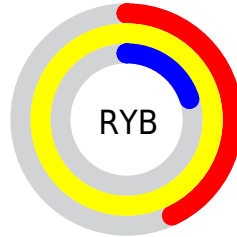
Distribution



Red (100%)

Green (82%)

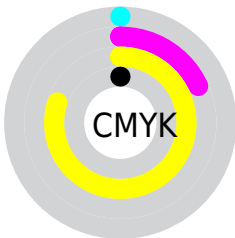
Blue (20%)



Red (43%)

Yellow (100%)

Blue (20%)

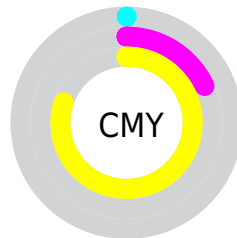


Cyan (0%)

Magenta (18%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFD133 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 FFD133 by changing the saturation by 10% instead.

 FFD133

 FFD133

FFFFFF

 E0B603

 FFFF6F

 C29B00

 FFFF8B

 A48100

 FFFFA8

 876800

 FFFFC5

 695100

 FFFFEE

 4E3A00

 342500

 1B1100

 000000

 FFD133

 FFD133

 FFCB19

 FFD74D

 FFC500

 FFDC66

 FFE280

 FFE899

 FFEEB3

 FFF3CC

 FFF9E6

FFFFFF

Harmonies

Analogous

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



FFB557



FFD133



B7E649

Triad

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



FFD133



00F8FF



FFA4FF

Complementary

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



FFD133



3361FF

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.



D0C4FF



FFD133



00F1FF

Square

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



FFD133



00F9D0



00DFFF



FF91DD

Rectangle

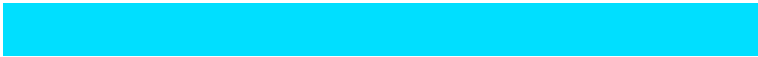
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD133



78EF6F



00DFFF



FFAFFF

Sweetspot

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



FFD133



FFF1C2



FF3363



80775B



000000



808080

Same Dimension

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



FFD133



FFC80A



C9FF33



807D73



BF9400



403100

Inverse Universe

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



3361FF



0A41FF



6933FF



737680



002BBF



000E40

Previews

White Background



This preview shows how the Hex color FFD133 looks on a white background.

Color Contrast Check

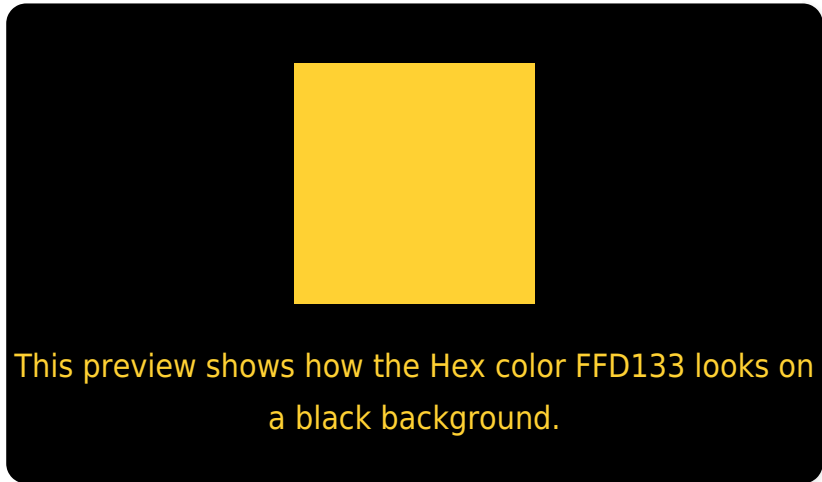
Large Text (above 18pt) WCAG AA × Fail

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 FFD133 Background



This preview shows how black text looks on a background with the Hex color FFD133.

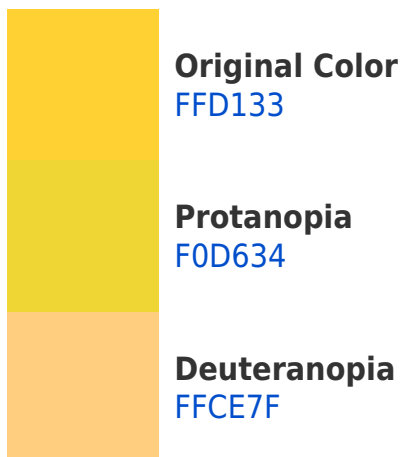


This preview shows how white text looks on a background with the Hex color FFD133.

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](#).

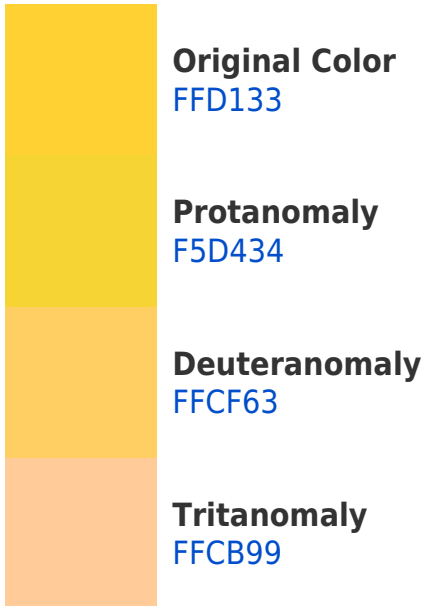
Dichromacy



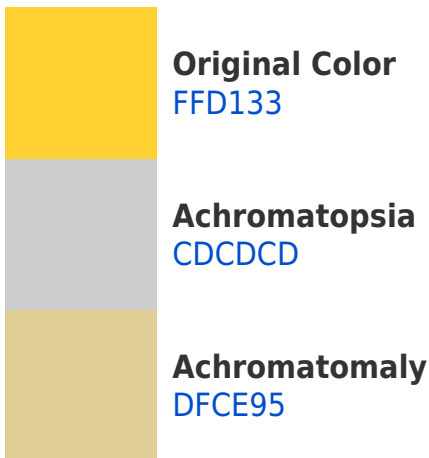


Tritanopia
FFC7D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFD133 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 #FFD133 looks like.

```
.text, #text, p{  
    color:#FFD133  
}
```

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 #FFD133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD133
}
```

Border

The CSS property to change the border of an element to Hex FFD133 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
#FFD133 }
```

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

```
.border{ border-color:#FFD133 }
```

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

Here you see how a box with a 4 pixel #FFD133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD133; -webkit-box-shadow:4px 4px  
4px 4px #FFD133; box-shadow:4px 4px 4px  
4px #FFD133 }
```

Background

The CSS property to change the background color of an element to Hex FFD133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD133 }
```

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

```
.background{ background-color:#FFD133 }
```

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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