

Converting Colors

Hex(FFAD33)

Have a look what the booklet for
Hex(FFAD33) contains.

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Color

Hex(FFAD33)

Conversions

Conversions Part 1

Format	Color
Hex	FFAD33
RGB	255, 173, 51
RGB Percent	100%, 68%, 20%
CMY	0.0000, 0.3216, 0.8000
CMYK	0.00, 0.32, 0.80, 0.00
HSL	36°, 100%, 60%
HSV	36°, 80%, 100%
XYZ	56.7811, 51.3862, 10.0578
YIQ	183.6100, 88.0340, -20.5580

Conversions

Conversions Part 2

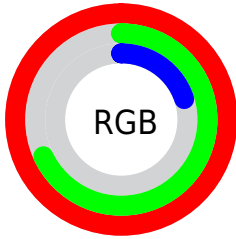
Format	Color
RYB	188, 255, 51
Decimal	16756019
CIELab	76.91, 20.62, 69.78
CIELCh	77, 72.768, 73.537
Yxy	51.3862, 0.4803, 0.4346
Android (android.graphics.Color)	4294946099 (0xFFFFAD33)
YUV	183.6100, -65.3767, 62.6090
Hunter-Lab	71.6841, 15.9429, 41.8601

Details

The Hex color **FFAD33** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3385FF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE46B**, and **C17900** is the 20% darker color. If you saturate the color by 10%, you get **FFA319**, and if you desaturate by 10%, it is **FFB74D**.

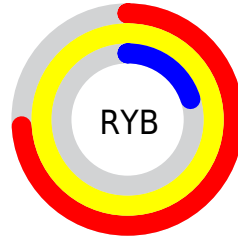
Distribution



Red (100%)

Green (68%)

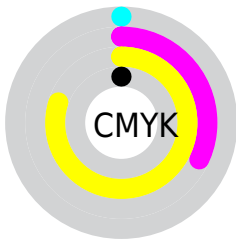
Blue (20%)



Red (74%)

Yellow (100%)

Blue (20%)

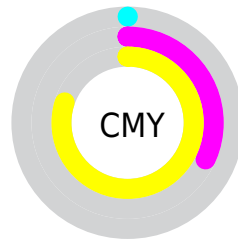


Cyan (0%)

Magenta (32%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFAD33 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 FFAD33 by changing the saturation by 10% instead.

 FFAD33

 FFAD33

FFFFFF

 E0920F

 FFE46B

 C17900

 FFFF87

 A26000

 FFFFA3

 854800

 FFFFBF

 673100

 FFFFDC

 4B1B00

 FFFFF9

 310600

 110000

 000000

 FFAD33

 FFAD33

 FFA319

 FFB74D

 FF9900

 FFC266

 FFCC80

 FFD699

 FFE0B3

 FFEBCB

 FFF5E6

FFFFFF

Harmonies

Analogous

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



FF9264



FFAD33



C4C429

Triad

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



FFAD33



00DEDB



E89FFF

Complementary

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



FFAD33



3385FF

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.



72BBFF



FFAD33



00DBFF

Square

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



FFAD33



00DC95



00D0FF



FF84E6

Rectangle

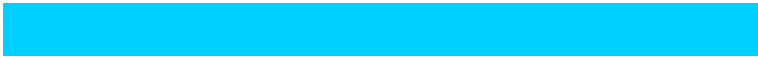
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFAD33



94CF43



00D0FF



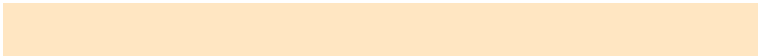
CAA9FF

Sweetspot

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



FFAD33



FFE6C2



FF3388



80715B



000000



808080

Same Dimension

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



FFAD33



FF9D0A



EEFF33



807A73



BF7200



402600

Inverse Universe

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



3385FF



0A6DFF



4433FF



737880



004DBF



001A40

Previews

White Background



This preview shows how the Hex color FFAD33 looks on a white background.

Color Contrast Check

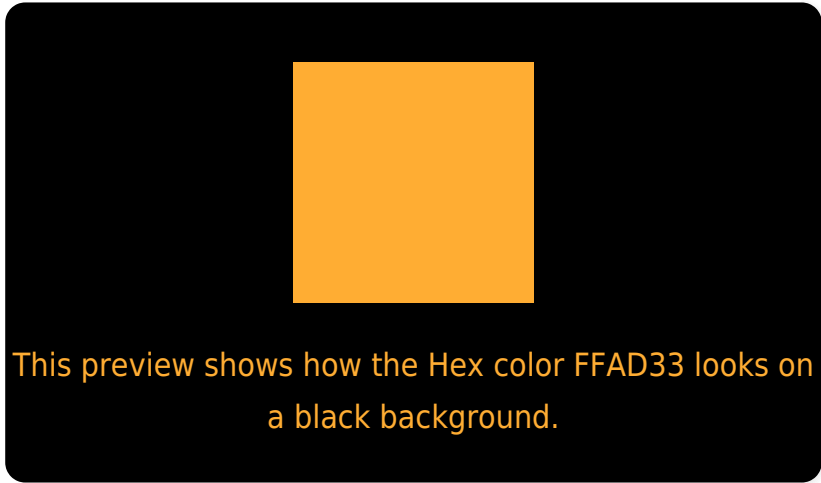
Large Text (above 18pt) WCAG AA × Fail

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 FFAD33 Background



This preview shows how black text looks on a background with the Hex color FFAD33.



This preview shows how white text looks on a background with the Hex color FFAD33.

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
FFAD33

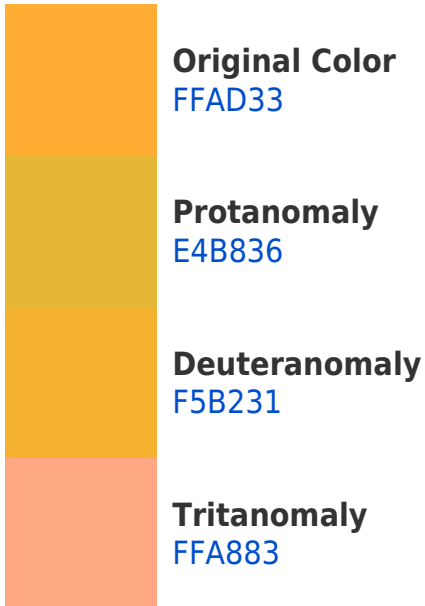
Protanopia
D5BF38

Deuteranopia
EFB530

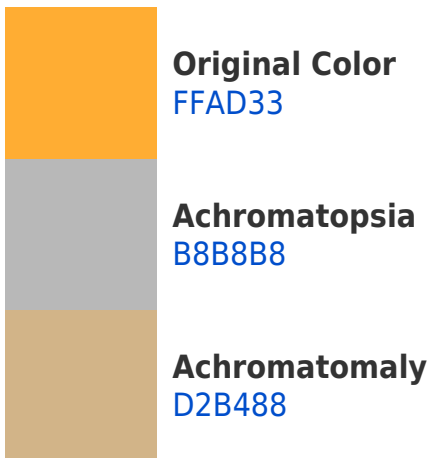


Tritanopia
FFA5B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFAD33 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 #FFAD33 looks like.

```
.text, #text, p{  
    color:#FFAD33  
}
```

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 #FFAD33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAD33
}
```

Border

The CSS property to change the border of an element to Hex FFAD33 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
#FFAD33 }
```

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

```
.border{ border-color:#FFAD33 }
```

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

Here you see how a box with a 4 pixel #FFAD33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAD33; -webkit-box-shadow:4px 4px  
4px 4px #FFAD33; box-shadow:4px 4px 4px  
4px #FFAD33 }
```

Background

The CSS property to change the background color of an element to Hex FFAD33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAD33 }
```

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

```
.background{ background-color:#FFAD33 }
```

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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