

# Converting Colors

Hex(FFAD19)

Have a look what the booklet for  
Hex(FFAD19) contains.

<b>Hex(FFAD19)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FFAD19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAD19
RGB	255, 173, 25
RGB Percent	100%, 68%, 10%
CMY	0.0000, 0.3216, 0.9020
CMYK	0.00, 0.32, 0.90, 0.00
HSL	39°, 100%, 55%
HSV	39°, 90%, 100%
XYZ	56.3590, 51.2173, 7.8352
YIQ	180.6460, 96.3800, -28.6440

# Conversions

## Conversions Part 2

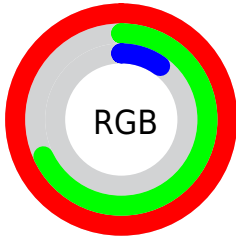
Format	Color
<a href="#">RYB</a>	<a href="#">152, 255, 25</a>
Decimal	<a href="#">16755993</a>
CIELab	<a href="#">76.81, 20.02, 76.83</a>
CIELCh	<a href="#">77, 79.395, 75.398</a>
Yxy	<a href="#">51.2173, 0.4883, 0.4438</a>
Android (android.graphics.Color)	<a href="#">4294946073</a> ( <a href="#">0xFFFFAD19</a> )
YUV	<a href="#">180.6460, -76.7335, 65.2085</a>
Hunter-Lab	<a href="#">71.5663, 15.3292, 43.6052</a>

# Details

The Hex color **FFAD19** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **196BFF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE45A**, and **C07900** is the 20% darker color. If you saturate the color by 10%, you get **FFA400**, and if you desaturate by 10%, it is **FFB632**.

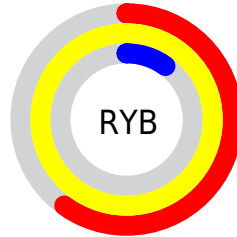
# Distribution



Red (100%)

Green (68%)

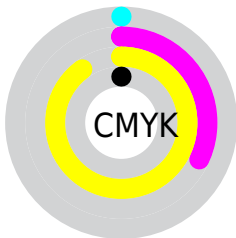
Blue (10%)



Red (60%)

Yellow (100%)

Blue (10%)

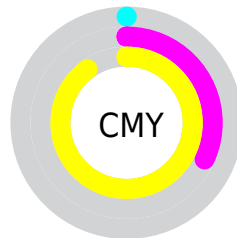


Cyan (0%)

Magenta (32%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFAD19 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 FFAD19 by changing the saturation by 10% instead.



 FFAD19

 FFAD19

FFFFFF

 DF9200

 FFE45A

 C07900

 FFFF76

 A26000

 FFFF92

 844800

 FFFFAF

 663100

 FFFFCC

 4A1C00

 FFFFEE

 300600

 0F0000

 000000

 FFAD19

 FFAD19

 FFA400

 FFB632

 FFBF4C

 FFC865

 FFD17F

 FFDA98

 FFE4B2

 FFEDCB

 FFF6E5

FFFFFFE

# Harmonies

## Analogous

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



FF8E57



FFAD19



BEC607

# Triad

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



FFAD19



00E0E2



F199FF

# Complementary

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



FFAD19



196BFF

# 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.



6EB9FF



FFAD19



00DCFF

# Square

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



FFAD19



00DE96



00D0FF



FF7AE5

# Rectangle

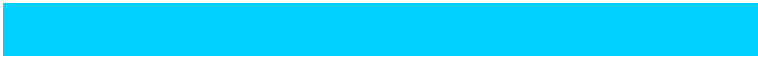
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFAD19



88D137



00D0FF



D0A4FF



# Sweetspot

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



FFAD19



FFE6BA



FF196D



807157



000000



808080



# Same Dimension

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



FFAD19



FFA400



E0FF19



807B73



BF7B00



402900



# Inverse Universe

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



196BFF



005BFF



3819FF



737780



0044BF



001740



# Previews

## White Background



This preview shows how the Hex color FFAD19 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 FFAD19 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 FFAD19 Background



This preview shows how black text looks on a background with the Hex color FFAD19.



This preview shows how white text looks on a background with the Hex color FFAD19.

# 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**  
FFAD19

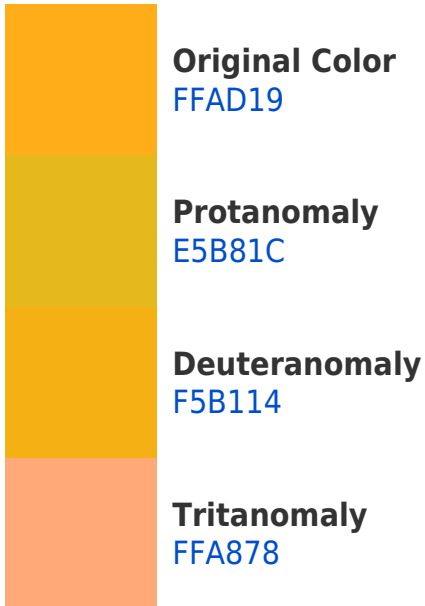
**Protanopia**  
D6BE1E

**Deuteranopia**  
F0B411

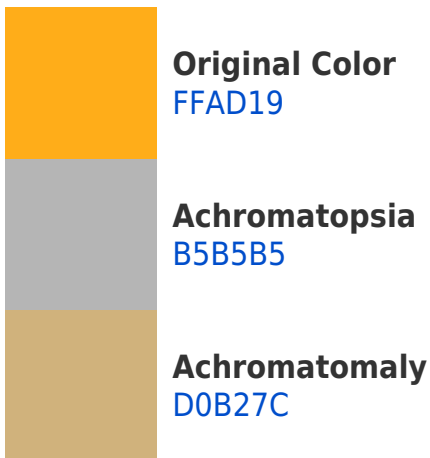


**Tritanopia**  
FFA5AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFAD19 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 #FFAD19 looks like.

```
.text, #text, p{  
    color:#FFAD19  
}
```

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 #FFAD19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAD19
}
```

## Border

The CSS property to change the border of an element to Hex FFAD19 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
#FFAD19 }
```

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

```
.border{ border-color:#FFAD19 }
```

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

Here you see how a box with a 4 pixel #FFAD19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAD19; -webkit-box-shadow:4px 4px  
4px 4px #FFAD19; box-shadow:4px 4px 4px  
4px #FFAD19 }
```

# Background

The CSS property to change the background color of an element to Hex FFAD19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAD19 }
```

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

```
.background{ background-color:#FFAD19 }
```

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