

# Converting Colors

Hex(F7AD19)

Have a look what the booklet for  
Hex(F7AD19) contains.

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**Color**

**Hex(F7AD19)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F7AD19                      |
| RGB         | 247, 173, 25                |
| RGB Percent | 97%, 68%, 10%               |
| CMY         | 0.0314, 0.3216, 0.9020      |
| CMYK        | 0.00, 0.30, 0.90, 0.03      |
| HSL         | 40°, 93%, 53%               |
| HSV         | 40°, 90%, 97%               |
| XYZ         | 53.4768, 49.7315, 7.7003    |
| YIQ         | 178.2540, 91.6120, -30.3400 |

# Conversions

## Conversions Part 2

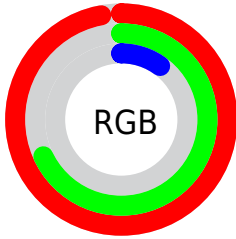
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 136, 247, 25                   |
| Decimal                             | 16231705                       |
| CIELab                              | 75.90, 16.64, 75.75            |
| CIELCh                              | 76, 77.553, 77.614             |
| Yxy                                 | 49.7315, 0.4822,<br>0.4484     |
| Android<br>(android.graphics.Color) | 4294421785<br>(0xFFFF7AD19)    |
| YUV                                 | 178.2540, -75.5542,<br>60.2902 |
| Hunter-Lab                          | 70.5206, 11.9483,<br>42.8904   |

# Details

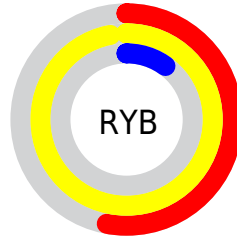
The Hex color **F7AD19** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1963F7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE459**, and **B97900** is the 20% darker color. If you saturate the color by 10%, you get **F7A500**, and if you desaturate by 10%, it is **F7B532**.

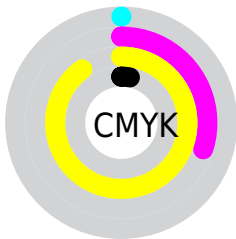
# Distribution



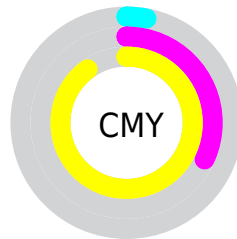
- Red (97%)
- Green (68%)
- Blue (10%)



- Red (53%)
- Yellow (97%)
- Blue (10%)



- Cyan (0%)
- Magenta (30%)
- Yellow (90%)
- Black (3%)



- Cyan (3%)
- Magenta (32%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7AD19 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 F7AD19 by changing the saturation by 10% instead.



 F7AD19

 F7AD19

FFFFFF

 D89300

 FFE459

 B97900

 FFFF76

 9B6000

 FFFF92

 7D4900

 FFFFAE

 603200

 FFFFCB

 441D00

 FFFF E8

 2B0700

 000000

 F7AD19

 F7AD19

 F7A500

 F7B532

 F7BD4A

 F7C663

 F7CE7C

 F7D694

 F7DEAD

 F7E7C6

 F7EFDf

 F7F7F7

# Harmonies

## Analogous

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



FF8F53



F7AD19



B6C415

# Triad

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



F7AD19



00DDE4



F395FF

# Complementary

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



F7AD19



1963F7

# 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.



7DB5FF



F7AD19



00D8FF

# Square

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



F7AD19



00DB9A



00CCFF



FF78DC

# Rectangle

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



F7AD19



81CF3E



00CCFF



D5A0FF



# Sweetspot

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



F7AD19



FFE8BA



F71963



807257



000000



808080



# Same Dimension

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



F7AD19



FFAA00



D2F719



7A766E



BA7C00



3B2700



# Inverse Universe

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



1963F7



0055FF



3E19F7



6E727A



003EBA



00143B



# Previews

## White Background



This preview shows how the Hex color F7AD19 looks on a white background.

## Color Contrast Check

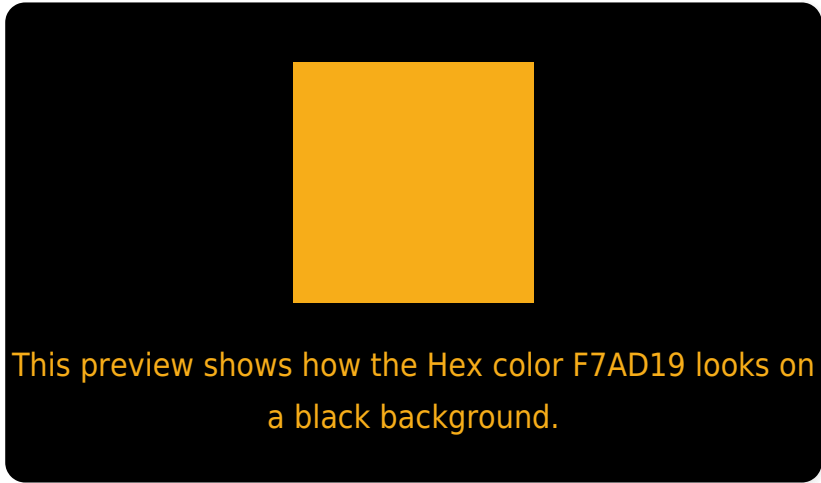
Large Text (above 18pt) WCAG AA × Fail

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 F7AD19 Background



This preview shows how black text looks on a background with the Hex color F7AD19.

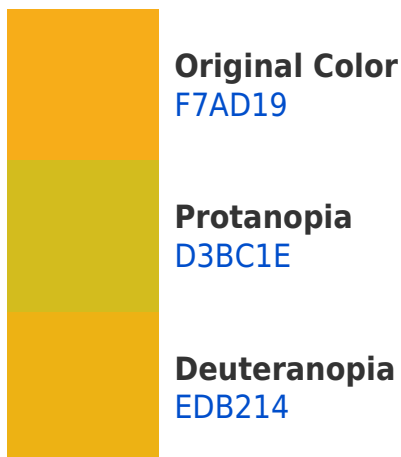


This preview shows how white text looks on a background with the Hex color F7AD19.

# 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](#).

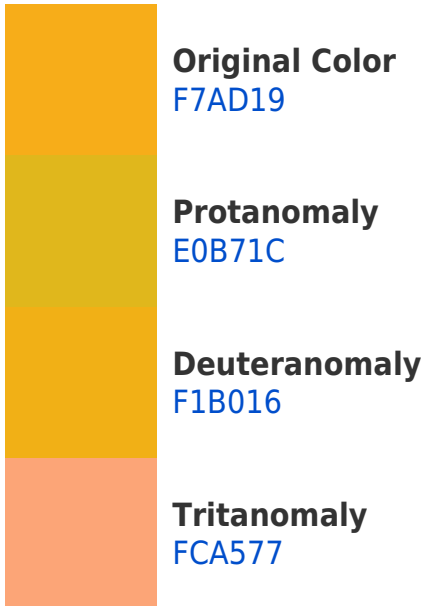
## Dichromacy





**Tritanopia**  
FFA1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7AD19 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 #F7AD19 looks like.

```
.text, #text, p{  
    color:#F7AD19  
}
```

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 #F7AD19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7AD19
}
```

## Border

The CSS property to change the border of an element to Hex F7AD19 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
#F7AD19 }
```

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

```
.border{ border-color:#F7AD19 }
```

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

Here you see how a box with a 4 pixel #F7AD19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7AD19; -webkit-box-shadow:4px 4px  
4px 4px #F7AD19; box-shadow:4px 4px 4px  
4px #F7AD19 }
```

# Background

The CSS property to change the background color of an element to Hex F7AD19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7AD19 }
```

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

```
.background{ background-color:#F7AD19 }
```

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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