

# Converting Colors

Hex(F19A00)

Have a look what the booklet for  
Hex(F19A00) contains.

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**Color**

**Hex(F19A00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F19A00
RGB	241, 154, 0
RGB Percent	95%, 60%, 0%
CMY	0.0549, 0.3961, 1.0000
CMYK	0.00, 0.36, 1.00, 0.05
HSL	38°, 100%, 47%
HSV	38°, 100%, 95%
XYZ	47.8312, 41.8120, 5.5495
YIQ	162.4570, 101.2860, -29.4500

# Conversions

## Conversions Part 2

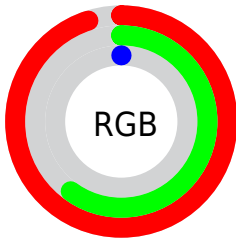
Format	Color
<b>R<sub>YB</sub></b>	136, 241, 0
Decimal	15833600
CIE Lab	70.74, 23.82, 75.40
CIE LCh	71, 79.074, 72.467
Yxy	41.8120, 0.5025, 0.4392
Android (android.graphics.Color)	4294023680 (0xFFFF19A00)
YUV	162.4570, -80.0913, 68.8822
Hunter-Lab	64.6622, 18.8793, 40.1750

# Details

The Hex color **F19A00** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0057F1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD04D**, and **B26700** is the 20% darker color. If you saturate the color by 10%, you get **F19A00**, and if you desaturate by 10%, it is **F1A318**.

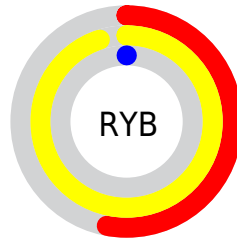
# Distribution



Red (95%)

Green (60%)

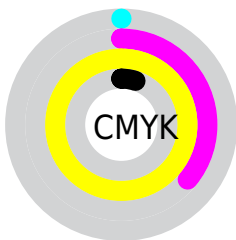
Blue (0%)



Red (53%)

Yellow (95%)

Blue (0%)

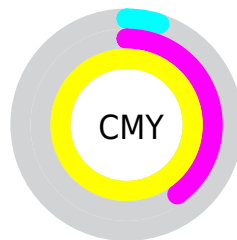


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F19A00 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 F19A00 by changing the saturation by 10% instead.



 F19A00

 F19A00

FFFFFF

 D28000

 FFD04D

 B26700

 FFED69

 944E00

 FFFF85

 763700

 FFFFA1

 592100

 FFFFBE

 3E0A00

 FFFFDB

 270001

 FFFFF8

 000000

 F19A00

 F1A318

 F1AB30

 F1B448

 F1BD60

 F1C578

 F1CE91

 F1D7A9

 F1E0C1

 F1E8D9

# Harmonies

## Analogous

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



FF7A4E



F19A00



B3B300

# Triad

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



F19A00



00CECA



D68CFF

# Complementary

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



F19A00



0057F1

# 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.



37ACFF



F19A00



00CBFF

# Square

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



F19A00



00CB7F



00C1FF



FF6BDA

# Rectangle

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



F19A00



80BF1C



00C1FF



B397FF



# Sweetspot

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



F19A00



FFE3B3



F10058



806F52



000000



808080



# Same Dimension

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



F19A00



FFA300



D1F100



78746C



B87500



382400



# Inverse Universe

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



0057F1



005CFF



2000F1



6C7078



0042B8



001438



# Previews

## White Background



This preview shows how the Hex color F19A00 looks on a white background.

## Color Contrast Check

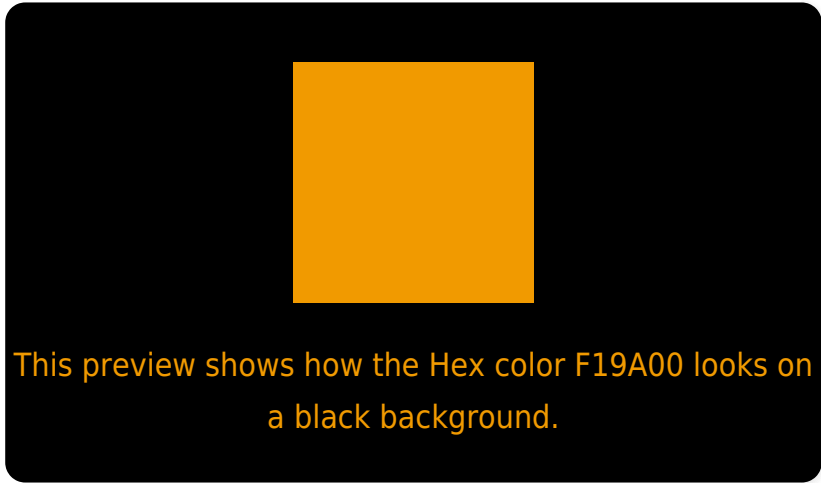
Large Text (above 18pt) WCAG AA × Fail

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 F19A00 Background



This preview shows how black text looks on a background with the Hex color F19A00.



This preview shows how white text looks on a background with the Hex color F19A00.

# 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**  
F19A00

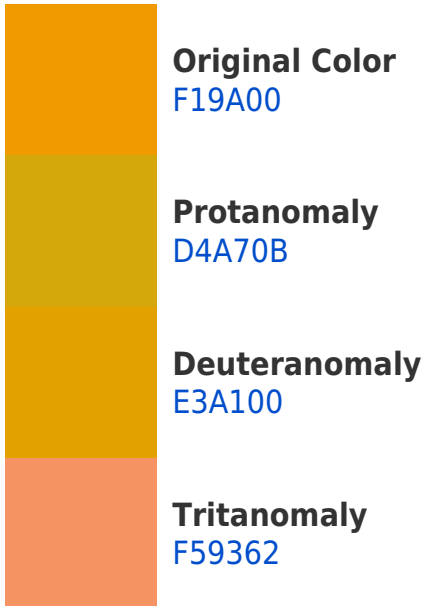
**Protanopia**  
C4AE11

**Deuteranopia**  
DBA500

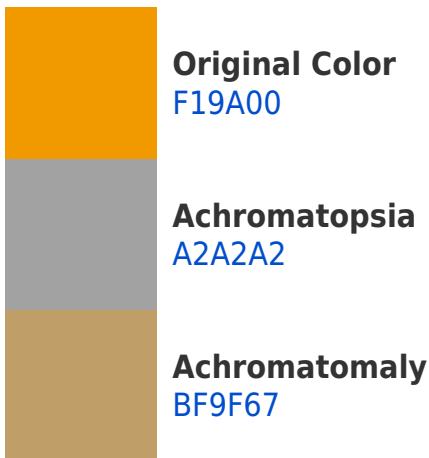


**Tritanopia**  
F78F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F19A00 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 #F19A00 looks like.

```
.text, #text, p{  
    color:#F19A00  
}
```

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 #F19A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F19A00
}
```

## Border

The CSS property to change the border of an element to Hex F19A00 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
#F19A00 }
```

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

```
.border{ border-color:#F19A00 }
```

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

Here you see how a box with a 4 pixel #F19A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F19A00; -webkit-box-shadow:4px 4px  
4px 4px #F19A00; box-shadow:4px 4px 4px  
4px #F19A00 }
```

# Background

The CSS property to change the background color of an element to Hex F19A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F19A00 }
```

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

```
.background{ background-color:#F19A00 }
```

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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