

# Converting Colors

Hex(F99B17)

Have a look what the booklet for  
Hex(F99B17) contains.

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**Color**

**Hex(F99B17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F99B17
RGB	249, 155, 23
RGB Percent	98%, 61%, 9%
CMY	0.0235, 0.3922, 0.9098
CMYK	0.00, 0.38, 0.91, 0.02
HSL	35°, 95%, 53%
HSV	35°, 91%, 98%
XYZ	50.9429, 43.6443, 6.5498
YIQ	168.0580, 98.3960, -21.1240

# Conversions

## Conversions Part 2

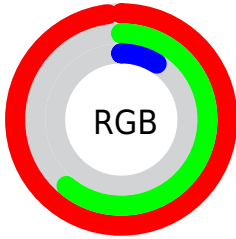
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 249, 23
Decimal	16358167
CIELab	71.99, 26.88, 73.34
CIELCh	72, 78.113, 69.871
Yxy	43.6443, 0.5037, 0.4315
Android (android.graphics.Color)	4294548247 (0xFFFF99B17)
YUV	168.0580, -71.5136, 70.9861
Hunter-Lab	66.0638, 22.0326, 40.3664

# Details

The Hex color **F99B17** 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 **1775F9**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD256**, and **BA6700** is the 20% darker color. If you saturate the color by 10%, you get **F99100**, and if you desaturate by 10%, it is **F9A530**.

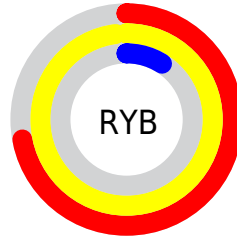
# Distribution



Red (98%)

Green (61%)

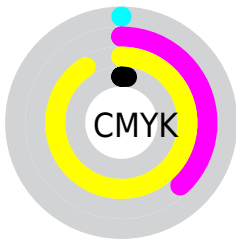
Blue (9%)



Red (72%)

Yellow (98%)

Blue (9%)

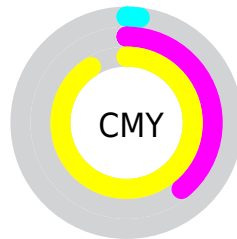


Cyan (0%)

Magenta (38%)

Yellow (91%)

Black (2%)



Cyan (2%)

Magenta (39%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F99B17 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 F99B17 by changing the saturation by 10% instead.



 F99B17

 F99B17

FFFFFF

 D98100

 FFD256

 BA6700

 FFEE72

 9C4F00

 FFFF8D

 7D3700

 FFFFAA

 602100

 FFFFC6

 440900

 FFFF E3

 2C0000

 000000

 F99B17

 F99B17

 F99100

 F9A530

 F9B049

 F9BA62

 F9C47B

 F9CF94

 F9D9AC

 F9E3C5

 F9EEDE

 F9F8F7

# Harmonies

## Analogous

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



FF7C58



F99B17



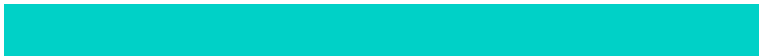
BDB500

# Triad

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



F99B17



00D1C7



D192FF

# Complementary

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



F99B17



1775F9

# 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.



19B1FF



F99B17



00CFFF

# Square

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



F99B17



00CE7C



00C5FF



FF72E3

# Rectangle

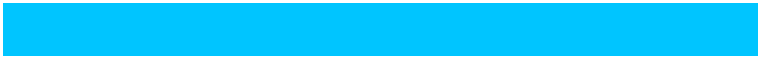
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F99B17



8CC11E



00C5FF



AC9EFF

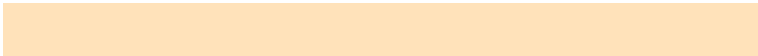


# Sweetspot

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



F99B17



FFE2BA



F91775



806F57



000000



808080



# Same Dimension

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



F99B17



FF9500



E6F917



7D7870



BD6E00



3D2400



# Inverse Universe

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



1775F9



006AFF



2A17F9



70767D



004EBD



00193D



# Previews

## White Background



This preview shows how the Hex color F99B17 looks on a white background.

## Color Contrast Check

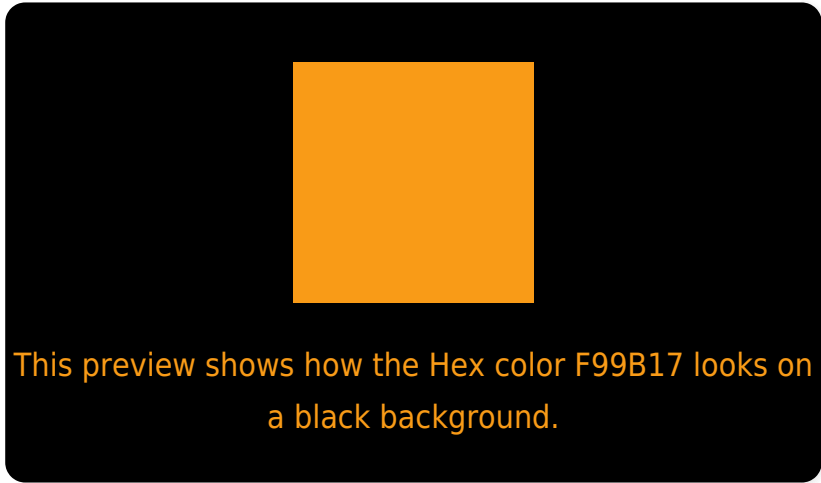
Large Text (above 18pt) WCAG AA × Fail

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 F99B17 Background



This preview shows how black text looks on a background with the Hex color F99B17.



This preview shows how white text looks on a background with the Hex color F99B17.

# 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**  
F99B17

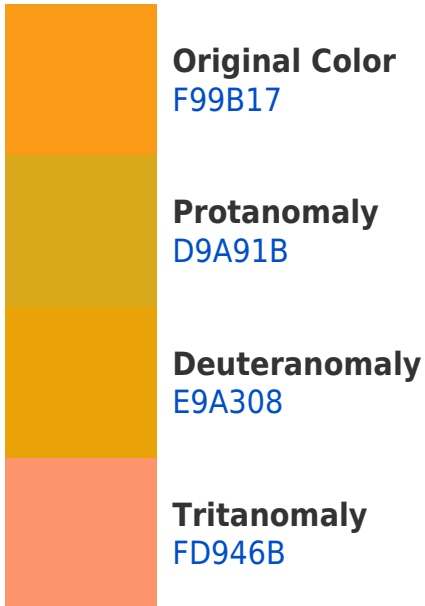
**Protanopia**  
C7B11E

**Deuteranopia**  
E0A800

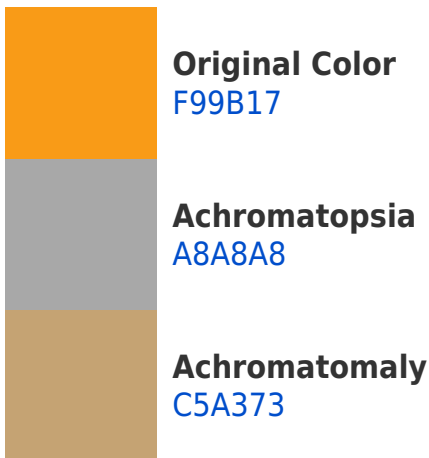


**Tritanopia**  
FF909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F99B17 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 #F99B17 looks like.

```
.text, #text, p{  
    color:#F99B17  
}
```

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 #F99B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F99B17
}
```

## Border

The CSS property to change the border of an element to Hex F99B17 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
#F99B17 }
```

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

```
.border{ border-color:#F99B17 }
```

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

Here you see how a box with a 4 pixel #F99B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F99B17; -webkit-box-shadow:4px 4px  
4px 4px #F99B17; box-shadow:4px 4px 4px  
4px #F99B17 }
```

# Background

The CSS property to change the background color of an element to Hex F99B17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F99B17 }
```

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

```
.background{ background-color:#F99B17 }
```

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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