

# Converting Colors

Hex(FAAA17)

Have a look what the booklet for  
Hex(FAAA17) contains.

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# **Color**

**Hex(FAAA17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAAA17
RGB	250, 170, 23
RGB Percent	98%, 67%, 9%
CMY	0.0196, 0.3333, 0.9098
CMYK	0.00, 0.32, 0.91, 0.02
HSL	39°, 96%, 54%
HSV	39°, 91%, 98%
XYZ	53.9537, 49.1353, 7.4510
YIQ	177.1620, 94.8670, -28.7570

# Conversions

## Conversions Part 2

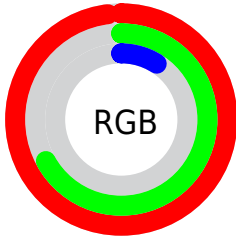
Format	Color
<a href="#">RYB</a>	<a href="#">147, 250, 23</a>
Decimal	<a href="#">16427543</a>
<a href="#">CIELab</a>	<a href="#">75.54, 19.45, 76.01</a>
<a href="#">CIElCh</a>	<a href="#">76, 78.463, 75.649</a>
<a href="#">Yxy</a>	<a href="#">49.1353, 0.4881, 0.4445</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294617623 (0xFFFAAA17)</a>
<a href="#">YUV</a>	<a href="#">177.1620, -76.0019, 63.8789</a>
<a href="#">Hunter-Lab</a>	<a href="#">70.0966, 14.7234, 42.7653</a>

# Details

The Hex color **FAAA17** 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 **1767FA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE158**, and **BC7600** is the 20% darker color. If you saturate the color by 10%, you get **FAA200**, and if you desaturate by 10%, it is **FAB330**.

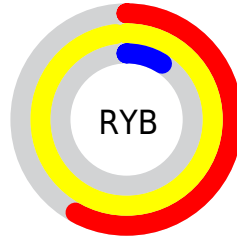
# Distribution



Red (98%)

Green (67%)

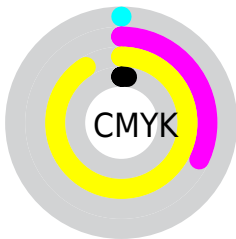
Blue (9%)



Red (58%)

Yellow (98%)

Blue (9%)

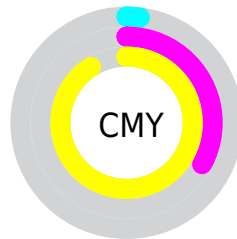


Cyan (0%)

Magenta (32%)

Yellow (91%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FAAA17 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 FAAA17 by changing the saturation by 10% instead.



 FAAA17

 FAAA17

FFFFFF

 DB9000

 FFE158

 BC7600

 FFFE74

 9D5D00

 FFFF91

 7F4600

 FFFFAD

 622F00

 FFFFC A

 461A00

 FFFF E7

 2C0400

 010000

 000000

FAAA17

FAAA17

FAA200

FAB330

FABC49

FAC462

FACD7B

FAD694

FADFAD

FAE8C6

FAF0DF

FAF9F8

# Harmonies

## Analogous

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



FF8B54



FAAA17



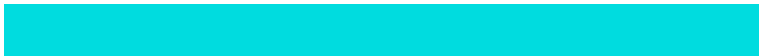
BAC206

# Triad

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



FAAA17



00DCDF



ED95FF

# Complementary

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



FAAA17



1767FA

# 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.



6DB5FF



FAAA17



00D8FF

# Square

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



FAAA17



00DA94



00CCFF



FF77E0

# Rectangle

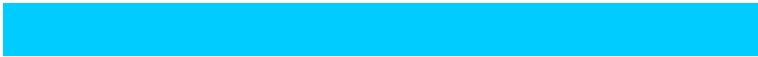
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FAAA17



85CD36



00CCFF



CDA1FF



# Sweetspot

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



FAAA17



FFE7BA



FA176A



807157



000000



808080



# Same Dimension

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



FAAA17



FFA500



DCFA17



7D7970



BD7A00



3D2800



# Inverse Universe

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



1767FA



005AFF



3517FA



70757D



0043BD



00163D



# Previews

## White Background



This preview shows how the Hex color #FAAA17 looks on a white background.

## Color Contrast Check

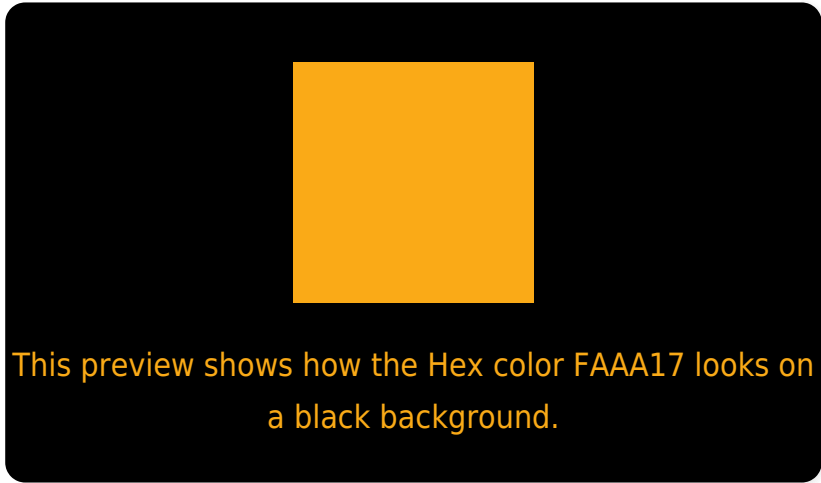
Large Text (above 18pt) WCAG AA × Fail

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 FAAA17 Background



This preview shows how black text looks on a background with the Hex color FAAA17.

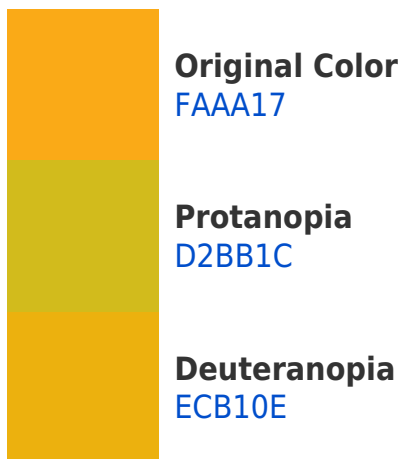


This preview shows how white text looks on a background with the Hex color FAAA17.

# 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](#).

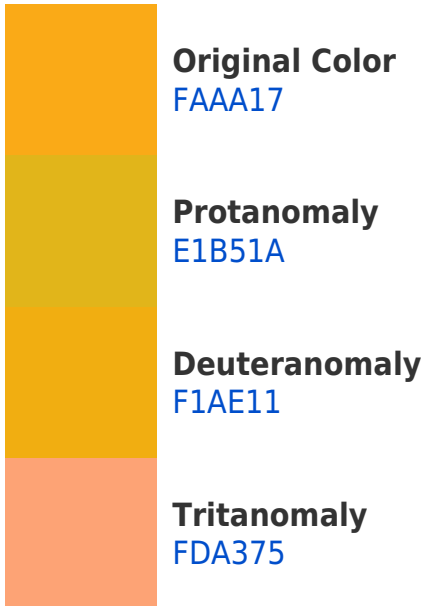
## Dichromacy



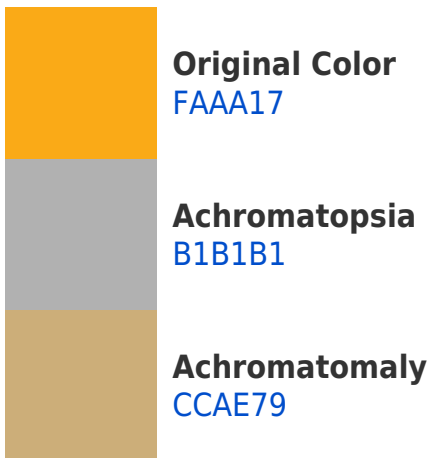


**Tritanopia**  
FF9FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FAAA17 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 #FAAA17 looks like.

```
.text, #text, p{  
    color:#FAAA17  
}
```

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 #FAAA17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAAA17
}
```

## Border

The CSS property to change the border of an element to Hex FAAA17 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
#FAAA17 }
```

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

```
.border{ border-color:#FAAA17 }
```

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

Here you see how a box with a 4 pixel #FAAA17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAAA17; -webkit-box-shadow:4px 4px  
4px 4px #FAAA17; box-shadow:4px 4px 4px  
4px #FAAA17 }
```

# Background

The CSS property to change the background color of an element to Hex FAAA17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAAA17 }
```

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

```
.background{ background-color:#FAAA17 }
```

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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