

Converting Colors

Hex(FFA717)

Have a look what the booklet for
Hex(FFA717) contains.

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Color

Hex(FFA717)

Conversions

Conversions Part 1

Format	Color
Hex	FFA717
RGB	255, 167, 23
RGB Percent	100%, 65%, 9%
CMY	0.0000, 0.3451, 0.9098
CMYK	0.00, 0.35, 0.91, 0.00
HSL	37°, 100%, 55%
HSV	37°, 91%, 100%
XYZ	55.2134, 48.9593, 7.3506
YIQ	176.8960, 98.6720, -26.1280

Conversions

Conversions Part 2

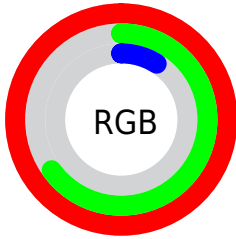
Format	Color
RYB	165, 255, 23
Decimal	16754455
CIELab	75.43, 23.12, 76.19
CIELCh	75, 79.624, 73.123
Yxy	48.9593, 0.4951, 0.4390
Android (android.graphics.Color)	4294944535 (0xFFFFA717)
YUV	176.8960, -75.8707, 68.4972
Hunter-Lab	69.9709, 18.4035, 42.7511

Details

The Hex color **FFA717** 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 **176FFF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDE58**, and **C07300** is the 20% darker color. If you saturate the color by 10%, you get **FF9E00**, and if you desaturate by 10%, it is **FFB131**.

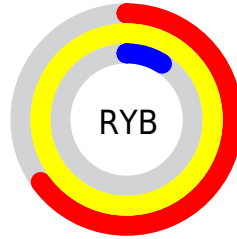
Distribution



Red (100%)

Green (65%)

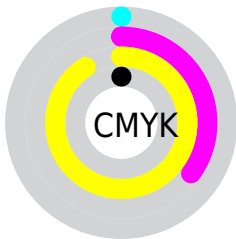
Blue (9%)



Red (65%)

Yellow (100%)

Blue (9%)

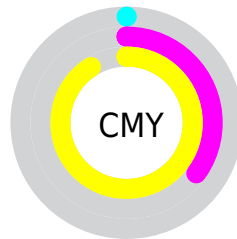


Cyan (0%)

Magenta (35%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA717 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 FFA717 by changing the saturation by 10% instead.

 FFA717

 FFA717

FFFFFF

 DF8D00

 FFDE58

 C07300

 FFFB74

 A25A00

 FFFF90

 834300

 FFFFAD

 662C00

 FFFFC9

 4A1600

 FFFF E7

 2F0000

 090000

 000000

■ FFA717

■ FFA717

■ FF9E00

■ FFB131

■ FFBA4A

■ FFC463

■ FFCE7D

■ FFD796

■ FFE1B0

■ FFEBCA

■ FFF4E3

■ FFFEFC

Harmonies

Analogous

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



FF8758



FFA717



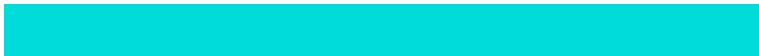
BFC000

Triad

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



FFA717



00DCD9



E697FF

Complementary

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



FFA717



176FFF

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.



55B7FF



FFA717



00D9FF

Square

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



FFA717



00D98C



00CEFF



FF77E6

Rectangle

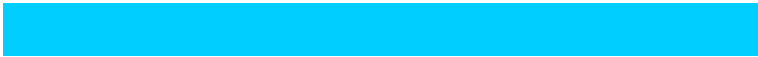
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFA717



8BCC2D



00CEFF



C3A3FF

Sweetspot

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



FFA717



FFE5BA



FF1770



807057



000000



808080

Same Dimension

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



FFA717



FF9E00



E4FF17



807B73



BF7700



402800

Inverse Universe

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



176FFF



0061FF



3217FF



737880



0049BF



001840

Previews

White Background



This preview shows how the Hex color FFA717 looks on a white background.

Color Contrast Check

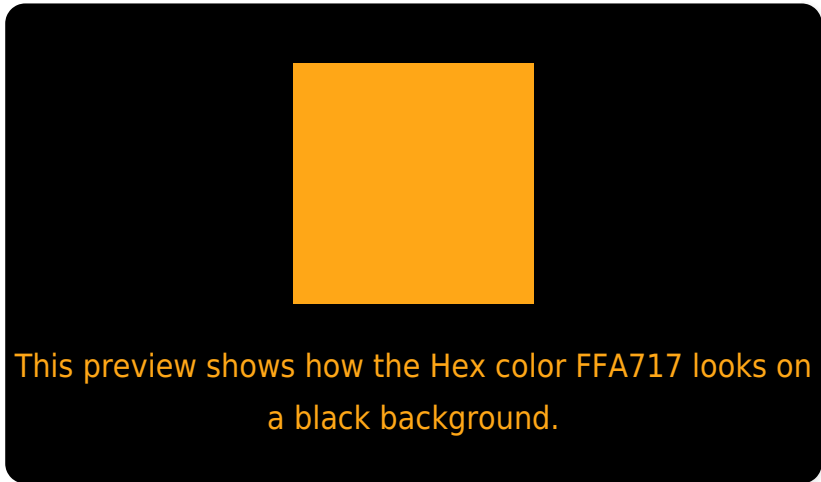
Large Text (above 18pt) WCAG AA × Fail

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 FFA717 Background



This preview shows how black text looks on a background with the Hex color FFA717.

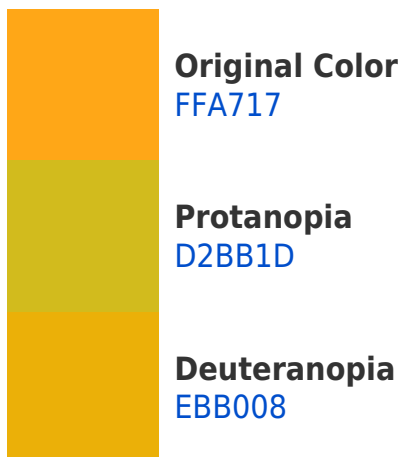


This preview shows how white text looks on a background with the Hex color FFA717.

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](#).

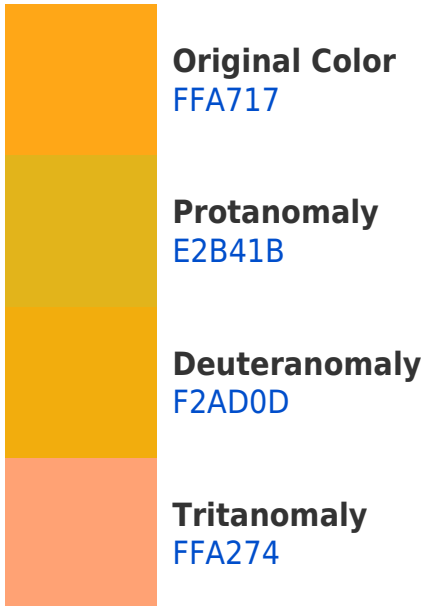
Dichromacy



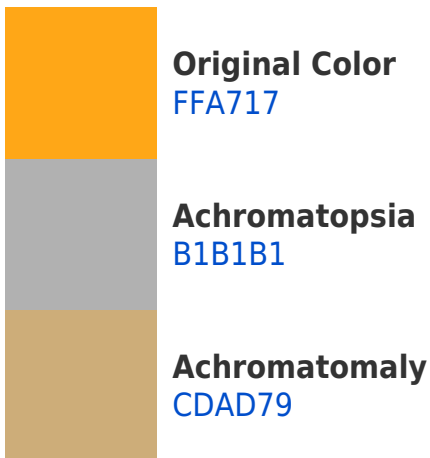


Tritanopia
FF9FA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA717 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 #FFA717 looks like.

```
.text, #text, p{  
    color:#FFA717  
}
```

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 #FFA717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA717
}
```

Border

The CSS property to change the border of an element to Hex FFA717 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
#FFA717 }
```

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

```
.border{ border-color:#FFA717 }
```

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

Here you see how a box with a 4 pixel #FFA717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA717; -webkit-box-shadow:4px 4px  
4px 4px #FFA717; box-shadow:4px 4px 4px  
4px #FFA717 }
```

Background

The CSS property to change the background color of an element to Hex FFA717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA717 }
```

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

```
.background{ background-color:#FFA717 }
```

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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