

Converting Colors

Hex(FFAF24)

Have a look what the booklet for
Hex(FFAF24) contains.

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Color

Hex(FFAF24)

Conversions

Conversions Part 1

Format	Color
Hex	FFAF24
RGB	255, 175, 36
RGB Percent	100%, 69%, 14%
CMY	0.0000, 0.3137, 0.8588
CMYK	0.00, 0.31, 0.86, 0.00
HSL	38°, 100%, 57%
HSV	38°, 86%, 100%
XYZ	56.8884, 52.0473, 8.7169
YIQ	183.0740, 92.2990, -26.2690

Conversions

Conversions Part 2

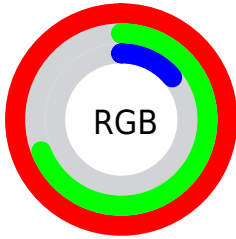
Format	Color
RYB	162, 255, 36
Decimal	16756516
CIELab	77.31, 19.18, 74.68
CIELCh	77, 77.103, 75.598
Yxy	52.0473, 0.4835, 0.4424
Android (android.graphics.Color)	4294946596 (0xFFFFAF24)
YUV	183.0740, -72.5075, 63.0791
Hunter-Lab	72.1438, 14.5030, 43.3369

Details

The Hex color **FFAF24** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2474FF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE660**, and **C17B00** is the 20% darker color. If you saturate the color by 10%, you get **FFA60A**, and if you desaturate by 10%, it is **FFB83D**.

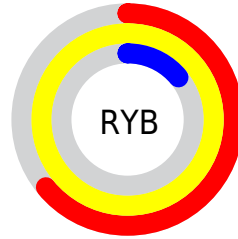
Distribution



Red (100%)

Green (69%)

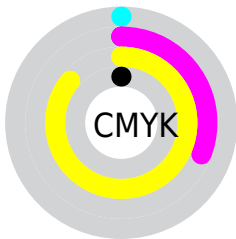
Blue (14%)



Red (64%)

Yellow (100%)

Blue (14%)

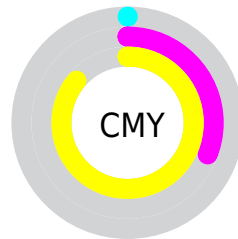


Cyan (0%)

Magenta (31%)

Yellow (86%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFAF24 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 FFAF24 by changing the saturation by 10% instead.

 FFAF24

 FFAF24

FFFFFF

 E09400

 FFE660

 C17B00

 FFFF7C

 A26200

 FFFF99

 844A00

 FFFFB5

 673300

 FFFFD2

 4B1E00

 FFFFEE

 300800

 120000

 000000

 FFAF24

 FFAF24

 FFA60A

 FFB83D

 FFA200

 FFC257

 FFCB70

 FFD48A

 FFDEA3

 FFE7BD

 FFF0D6

 FFFAF0

FFFFFF

Harmonies

Analogous

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



FF915B



FFAF24



BFC71B

Triad

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



FFAF24



00E1E3



F19BFF

Complementary

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



FFAF24



2474FF

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.



76BAFF



FFAF24



00DDFF

Square

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



FFAF24



00DE99



00D1FF



FF7EE4

Rectangle

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



FFAF24



8BD23F



00D1FF



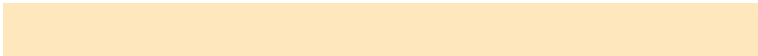
D2A6FF

Sweetspot

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



FFAF24



FFE7BD



FF2474



807158



000000



808080

Same Dimension

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



FFAF24



FFA200



E2FF24



807B73



BF7900



402800

Inverse Universe

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



2474FF



005DFF



4124FF



737780



0046BF



001740

Previews

White Background



This preview shows how the Hex color FFAF24 looks on a white background.

Color Contrast Check

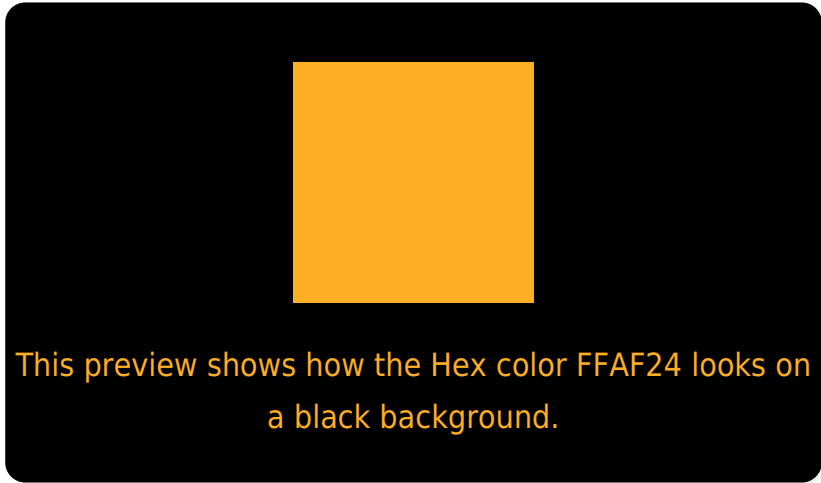
Large Text (above 18pt) WCAG AA × Fail

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 FFAF24 Background



This preview shows how black text looks on a background with the Hex color FFAF24.



This preview shows how white text looks on a background with the Hex color FFAF24.

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
FFAF24

Protanopia
D7C028

Deuteranopia
F1B520



Tritanopia
FFA7B1

Trichromacy



Original Color
FFAF24

Protanomaly
E6BA27

Deuteranomaly
F6B321

Tritanomaly
FFAA7E

Monochromacy



Original Color
FFAF24

Achromatopsia
B7B7B7

Achromatomaly
D1B482

CSS Examples

Text

The CSS property to change the color of the text to Hex FFAF24 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 #FFAF24 looks like.

```
.text, #text, p{  
    color:#FFAF24  
}
```

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 #FFAF24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAF24
}
```

Border

The CSS property to change the border of an element to Hex FFAF24 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
#FFAF24 }
```

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

```
.border{ border-color:#FFAF24 }
```

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

Here you see how a box with a 4 pixel #FFAF24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAF24; -webkit-box-shadow:4px 4px  
4px 4px #FFAF24; box-shadow:4px 4px 4px  
4px #FFAF24 }
```

Background

The CSS property to change the background color of an element to Hex FFAF24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAF24 }
```

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

```
.background{ background-color:#FFAF24 }
```

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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