

Converting Colors

Hex(FFAB2E)

Have a look what the booklet for
Hex(FFAB2E) contains.

Hex(FFAB2E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFAB2E)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB2E
RGB	255, 171, 46
RGB Percent	100%, 67%, 18%
CMY	0.0000, 0.3294, 0.8196
CMYK	0.00, 0.33, 0.82, 0.00
HSL	36°, 100%, 59%
HSV	36°, 82%, 100%
XYZ	56.2961, 50.5831, 9.3812
YIQ	181.8660, 90.1890, -21.0670

Conversions

Conversions Part 2

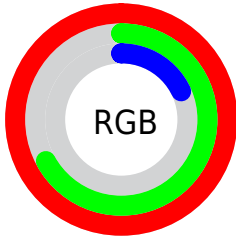
Format	Color
R _Y B	186, 255, 46
Decimal	16755502
CIE Lab	76.43, 21.52, 71.02
CIE LCh	76, 74.209, 73.145
Yxy	50.5831, 0.4842, 0.4351
Android (android.graphics.Color)	4294945582 (0xFFFFAB2E)
YUV	181.8660, -66.9819, 64.1385
Hunter-Lab	71.1218, 16.8276, 41.9647

Details

The Hex color **FFAB2E** 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 **2E82FF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE267**, and **C17700** is the 20% darker color. If you saturate the color by 10%, you get **FFA115**, and if you desaturate by 10%, it is **FFB548**.

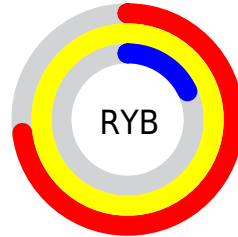
Distribution



Red (100%)

Green (67%)

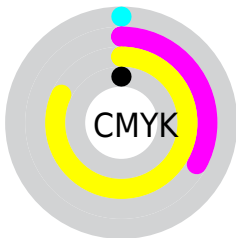
Blue (18%)



Red (73%)

Yellow (100%)

Blue (18%)

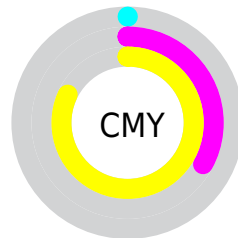


Cyan (0%)

Magenta (33%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFAB2E 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 FFAB2E by changing the saturation by 10% instead.

 FFAB2E

 FFAB2E

FFFFFF

 E09004

 FFE267

 C17700

 FFFF83

 A25E00

 FFFF9F

 844600

 FFFFBB

 672F00

 FFFFD8

 4B1A00

 FFFFF5

 300400

 0F0000

 000000

 FFAB2E

 FFAB2E

 FFA115

 FFB548

 FF9900

 FFBF61

 FFCA7B

 FFD494

 FFDEAE

 FFE8C7

 FFF3E1

 FFFDFA

FFFFFF

Harmonies

Analogous

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



FF8F61



FFAB2E



C3C321

Triad

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



FFAB2E



00DDDA



E69DFF

Complementary

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



FFAB2E



2E82FF

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.



6ABAFF



FFAB2E



00DAFF

Square

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



FFAB2E



00DB92



00CFFF



FF81E6

Rectangle

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



FFAB2E



92CE3E



00CFFF



C7A7FF

Sweetspot

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



FFAB2E



FFE5BF



FF2E85



807059



000000



808080

Same Dimension

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



FFAB2E



FF9B05



EEFF2E



807A73



BF7200



402600

Inverse Universe

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



2E82FF



056AFF



3F2EFF



737880



004DBF



001A40

Previews

White Background



This preview shows how the Hex color FFAB2E looks on a white background.

Color Contrast Check

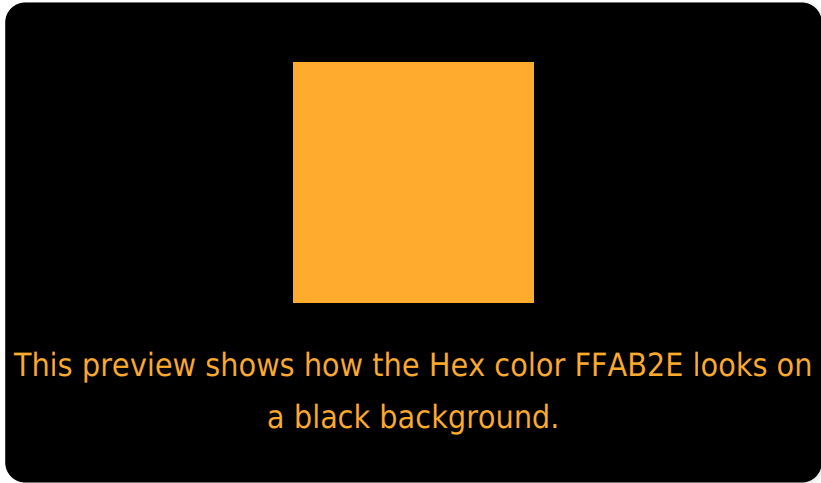
Large Text (above 18pt) WCAG AA × Fail

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 FFAB2E Background



This preview shows how black text looks on a background with the Hex color FFAB2E.



This preview shows how white text looks on a background with the Hex color FFAB2E.

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
FFAB2E

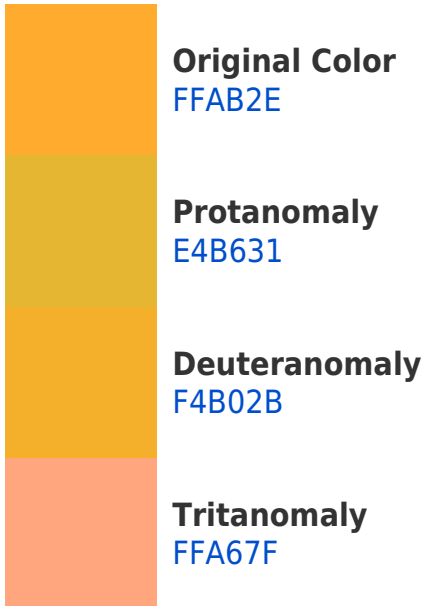
Protanopia
D4BD33

Deuteranopia
EEB32A

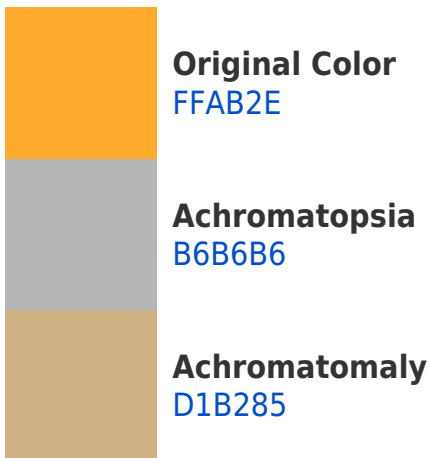


Tritanopia
FFA3AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFAB2E 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 #FFAB2E looks like.

```
.text, #text, p{  
  color:#FFAB2E  
}
```

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 #FFAB2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAB2E
}
```

Border

The CSS property to change the border of an element to Hex FFAB2E 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
#FFAB2E }
```

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

```
.border{ border-color:#FFAB2E }
```

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

Here you see how a box with a 4 pixel #FFAB2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAB2E; -webkit-box-shadow:4px 4px  
4px 4px #FFAB2E; box-shadow:4px 4px 4px  
4px #FFAB2E }
```

Background

The CSS property to change the background color of an element to Hex FFAB2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAB2E }
```

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

```
.background{ background-color:#FFAB2E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor