

# Converting Colors

Hex(FFA14A)

Have a look what the booklet for  
Hex(FFA14A) contains.

<b>Hex(FFA14A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(FFA14A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA14A
RGB	255, 161, 74
RGB Percent	100%, 63%, 29%
CMY	0.0000, 0.3686, 0.7098
CMYK	0.00, 0.37, 0.71, 0.00
HSL	29°, 100%, 65%
HSV	29°, 71%, 100%
XYZ	55.2209, 47.2442, 12.6871
YIQ	179.1880, 83.9510, -7.1290

# Conversions

## Conversions Part 2

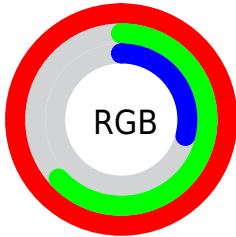
Format	Color
<a href="#">RYB</a>	<a href="#">255, 242, 74</a>
Decimal	<a href="#">16752970</a>
CIELab	<a href="#">74.35, 27.79, 58.08</a>
CIELCh	<a href="#">74, 64.390, 64.429</a>
Yxy	<a href="#">47.2442, 0.4795, 0.4103</a>
Android (android.graphics.Color)	<a href="#">4294943050 (0xFFFFA14A)</a>
YUV	<a href="#">179.1880, -51.8577, 66.4871</a>
Hunter-Lab	<a href="#">68.7344, 23.1210, 37.1702</a>

# Details

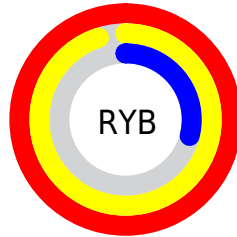
The Hex color **FFA14A** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4AA8FF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD87F**, and **C16D12** is the 20% darker color. If you saturate the color by 10%, you get **FF9431**, and if you desaturate by 10%, it is **FFAE64**.

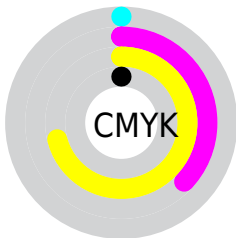
# Distribution



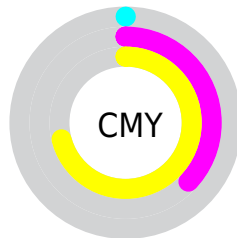
- Red (100%)
- Green (63%)
- Blue (29%)



- Red (100%)
- Yellow (95%)
- Blue (29%)



- Cyan (0%)
- Magenta (37%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA14A 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 FFA14A by changing the saturation by 10% instead.



 FFA14A

 FFA14A

FFFFFF

 E08730

 FFD87F

 C16D12

 FFF59A

 A35400

 FFFFB5

 853C00

 FFFFD1

 682500

 FFFFEE

 4B0D00

 310000

 090000

 000000

FFA14A

FFA14A

FF9431

FFAE64

FF8717

FFBB7D

FF7B00

FFC997

FFD6B0

FFE3CA

FFF0E3

FFFEFD

FFFFFF

# Harmonies

## Analogous

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



FF8B77



FFA14A



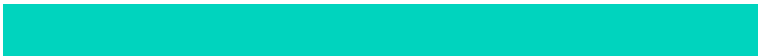
CFB737

# Triad

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



FFA14A



00D4BE



C5A4FF

# Complementary

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



FFA14A



4AA8FF

# 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.



47BBFF



FFA14A



00D2F8

# Square

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



FFA14A



2ED081



00CAFF



FF8CEB

# Rectangle

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



FFA14A



A7C243



00CAFF



A6ACFF



# Sweetspot

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



FFA14A



FFE3C9



FF4AAB



806F60



000000



808080



# Same Dimension

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



FFA14A



FF8E26



FFF94A



807973



BF5C00



401F00

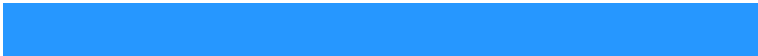


# Inverse Universe

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



4AA8FF



2697FF



4A50FF



737980



0063BF



002140



# Previews

## White Background



This preview shows how the Hex color FFA14A looks on a white background.

## Color Contrast Check

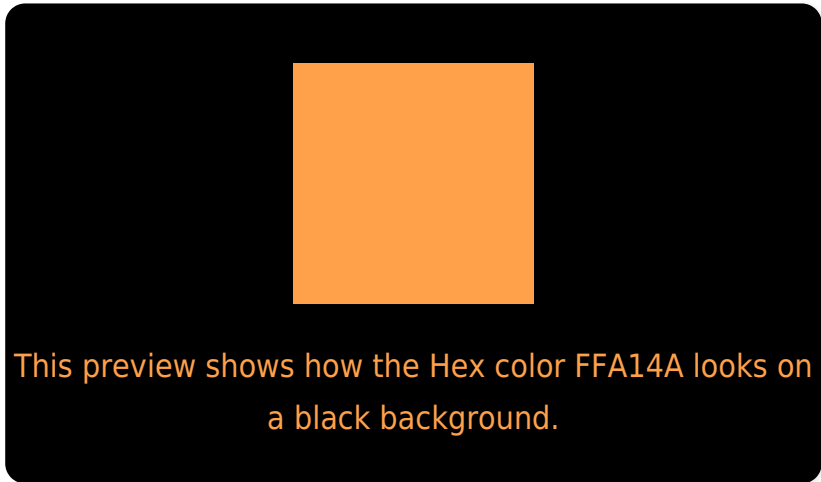
Large Text (above 18pt) WCAG AA × Fail

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 FFA14A Background



This preview shows how black text looks on a background with the Hex color FFA14A.



This preview shows how white text looks on a background with the Hex color FFA14A.

# 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**  
FFA14A

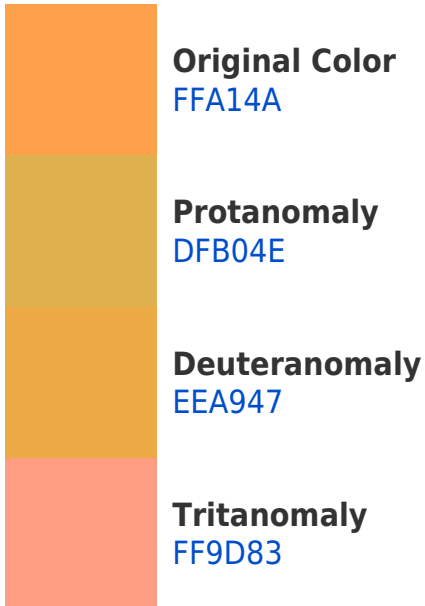
**Protanopia**  
CCB851

**Deuteranopia**  
E4AE46

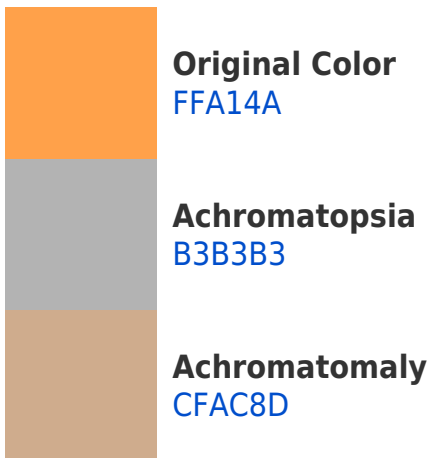


**Tritanopia**  
FF9AA4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA14A 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 #FFA14A looks like.

```
.text, #text, p{  
    color:#FFA14A  
}
```

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 #FFA14A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA14A
}
```

## Border

The CSS property to change the border of an element to Hex FFA14A 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
#FFA14A }
```

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

```
.border{ border-color:#FFA14A }
```

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

Here you see how a box with a 4 pixel #FFA14A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA14A; -webkit-box-shadow:4px 4px  
4px 4px #FFA14A; box-shadow:4px 4px 4px  
4px #FFA14A }
```

# Background

The CSS property to change the background color of an element to Hex FFA14A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA14A }
```

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

```
.background{ background-color:#FFA14A }
```

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