

# Converting Colors

Hex(FFA179)

Have a look what the booklet for  
Hex(FFA179) contains.

<b>Hex(FFA179)</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(FFA179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA179
RGB	255, 161, 121
RGB Percent	100%, 63%, 47%
CMY	0.0000, 0.3686, 0.5255
CMYK	0.00, 0.37, 0.53, 0.00
HSL	18°, 100%, 74%
HSV	18°, 53%, 100%
XYZ	57.4361, 48.1302, 24.3520
YIQ	184.5460, 68.8640, 7.4880

# Conversions

## Conversions Part 2

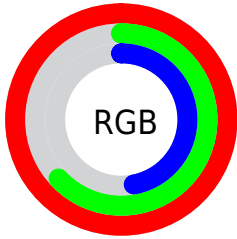
Format	Color
<a href="#">RYB</a>	<a href="#">255, 178, 121</a>
Decimal	<a href="#">16753017</a>
CIELab	<a href="#">74.91, 30.88, 35.34</a>
CIELCh	<a href="#">75, 46.926, 48.850</a>
Yxy	<a href="#">48.1302, 0.4421, 0.3705</a>
Android (android.graphics.Color)	<a href="#">4294943097</a> ( <a href="#">0xFFFFA179</a> )
YUV	<a href="#">184.5460, -31.3282, 61.7882</a>
Hunter-Lab	<a href="#">69.3759, 26.3715, 27.7515</a>

# Details

The Hex color **FFA179** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79D7FF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFD8AE**, and **C36C48** is the 20% darker color. If you saturate the color by 10%, you get **FF8F60**, and if you desaturate by 10%, it is **FFB393**.

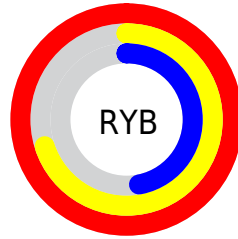
# Distribution



Red (100%)

Green (63%)

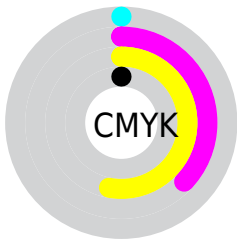
Blue (47%)



Red (100%)

Yellow (70%)

Blue (47%)

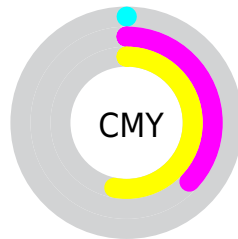


Cyan (0%)

Magenta (37%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA179 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 FFA179 by changing the saturation by 10% instead.



 FFA179

 FFA179

FFFFFF

 E18660

 FFD8AE

 C36C48

 FFF5C9

 A55330

 FFFFE6

 883B1A

 6C2301

 500A00

 350000

 140000

 000000

FFA179

FFA179

FF8F60

FFB393

FF7D46

FFC5AC

FF6B2C

FFD7C5

FF5913

FFE9DF

FF4C00

FFFAF9

FFFFFF

# Harmonies

## Analogous

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



FF969F



FFA179



E1B063

# Triad

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



FFA179



46CEA6



A4B3FF

# Complementary

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



FFA179



79D7FF

# 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.



4EC2FF



FFA179



00CFD3

# Square

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



FFA179



87C87E



00CBF8



DEA3F2

# Rectangle

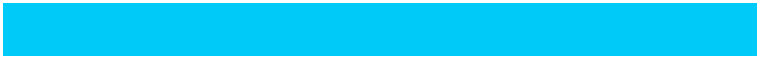
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



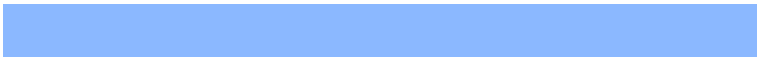
FFA179



C7BA61



00CBF8



8BB8FF

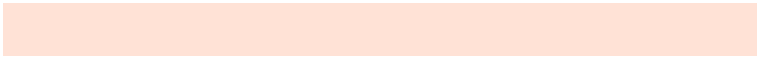


# Sweetspot

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



FFA179



FFE2D6



FF79D9



806F67



000000



808080



# Same Dimension

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



FFA179



FF8E5E



FFE279



807773



BF3900



401300

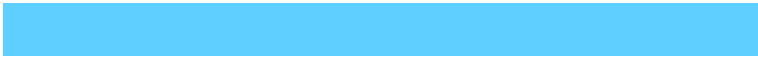


# Inverse Universe

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



79D7FF



5ECFFF



7996FF



737C80



0086BF



002D40



# Previews

## White Background



This preview shows how the Hex color FFA179 looks on a white background.

## Color Contrast Check

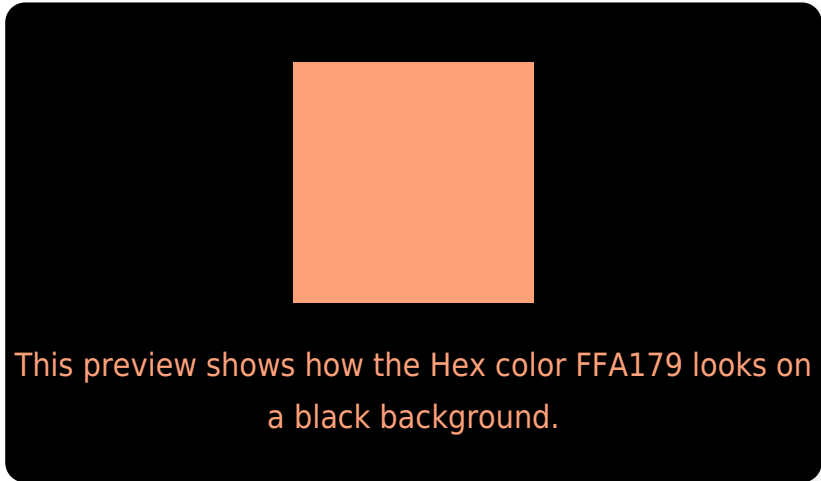
Large Text (above 18pt) WCAG AA × Fail

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

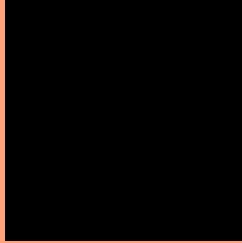
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFA179 Background



This preview shows how black text looks on a background with the Hex color FFA179.

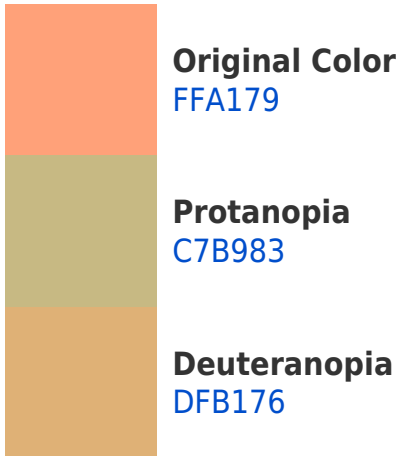


This preview shows how white text looks on a background with the Hex color FFA179.

# 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](#).

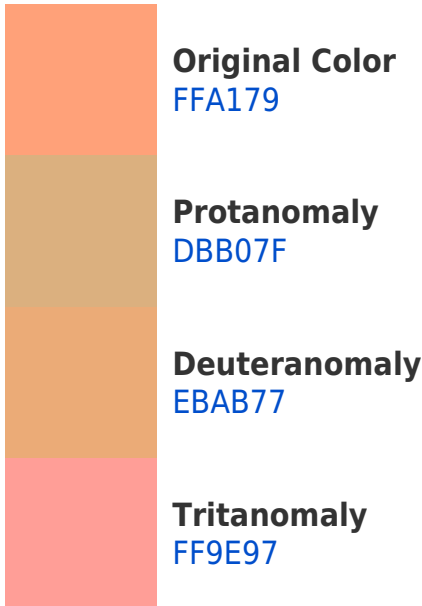
## Dichromacy



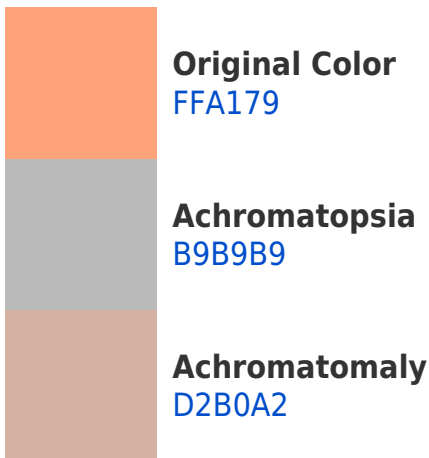


**Tritanopia**  
FF9DA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA179 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 #FFA179 looks like.

```
.text, #text, p{  
    color:#FFA179  
}
```

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 #FFA179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA179
}
```

## Border

The CSS property to change the border of an element to Hex FFA179 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
#FFA179 }
```

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

```
.border{ border-color:#FFA179 }
```

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

Here you see how a box with a 4 pixel #FFA179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA179; -webkit-box-shadow:4px 4px  
4px 4px #FFA179; box-shadow:4px 4px 4px  
4px #FFA179 }
```

# Background

The CSS property to change the background color of an element to Hex FFA179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA179 }
```

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

```
.background{ background-color:#FFA179 }
```

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