

# Converting Colors

Hex(FFA859)

Have a look what the booklet for  
Hex(FFA859) contains.

<b>Hex(FFA859)</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(FFA859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA859
RGB	255, 168, 89
RGB Percent	100%, 66%, 35%
CMY	0.0000, 0.3412, 0.6510
CMYK	0.00, 0.34, 0.65, 0.00
HSL	29°, 100%, 67%
HSV	29°, 65%, 100%
XYZ	57.0458, 49.9865, 16.0929
YIQ	185.0070, 77.2110, -6.1250

# Conversions

## Conversions Part 2

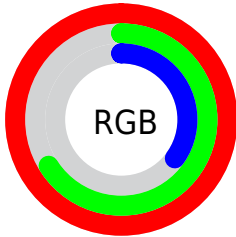
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 240, 89
Decimal	16754777
CIE <sub>Lab</sub>	76.06, 24.95, 52.98
CIE <sub>LCh</sub>	76, 58.561, 64.788
Yxy	49.9865, 0.4633, 0.4060
Android (android.graphics.Color)	4294944857 (0xFFFFA859)
YUV	185.0070, -47.3315, 61.3839
Hunter-Lab	70.7012, 20.2972, 35.9953

# Details

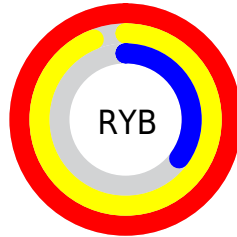
The Hex color **FFA859** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **59B0FF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFDF8D**, and **C27426** is the 20% darker color. If you saturate the color by 10%, you get **FF9B40**, and if you desaturate by 10%, it is **FFB573**.

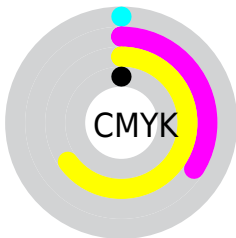
# Distribution



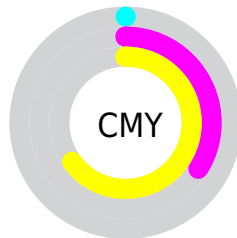
- Red (100%)
- Green (66%)
- Blue (35%)



- Red (100%)
- Yellow (94%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA859 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 FFA859 by changing the saturation by 10% instead.



 FFA859

 FFA859

FFFFFF

 E08D40

 FFDF8D

 C27426

 FFFCA9

 A45B07

 FFFFC4

 864300

 FFFFE1

 6A2C00

FFFFFFE

 4D1500

 320000

 130000

 000000

■ FFA859

■ FFA859

■ FF9B40

■ FFB573

■ FF8D26

■ FFC38C

■ FF800D

■ FFD0A6

■ FF7900

■ FFDDBF

■ FFEBD9

■ FFF8F2

FFFFFF

# Harmonies

## Analogous

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



FF9581



FFA859



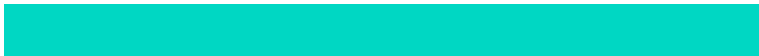
D2BB4A

# Triad

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



FFA859



00D7C3



CAAFF

# Complementary

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



FFA859



59B0FF

# 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.



67BEFF



FFA859



00D5F8

# Square

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



FFA859



4BD38B



00CDFE



FF95EB

# Rectangle

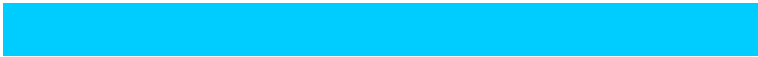
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFA859



AEC654



00CDFF



AFB1FF



# Sweetspot

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



FFA859



FFE4CC



FF59B2



806F61



000000



808080



# Same Dimension

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



FFA859



FF9738



FFF959



807973



BF5B00



401E00



# Inverse Universe

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



59B0FF



38A0FF



595FFF



737980



0064BF



002140



# Previews

## White Background



This preview shows how the Hex color FFA859 looks on a white background.

## Color Contrast Check

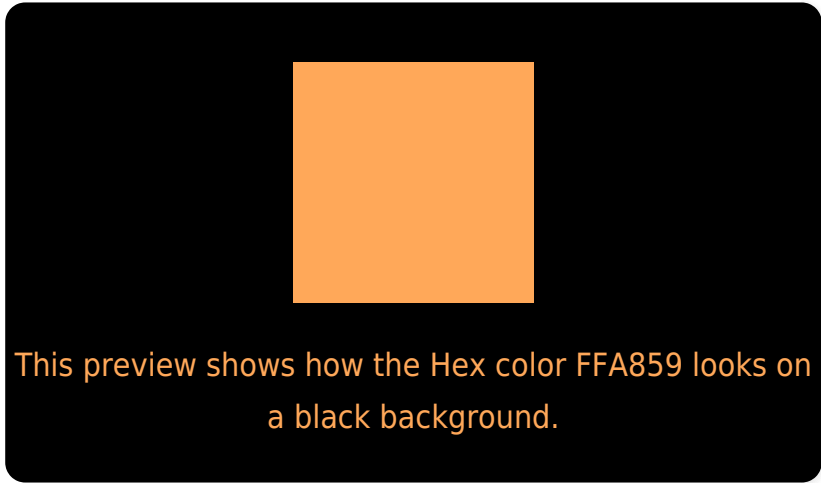
Large Text (above 18pt) WCAG AA × Fail

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

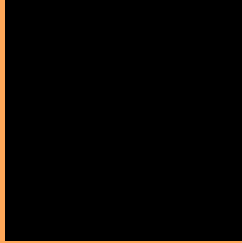
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFA859 Background



This preview shows how black text looks on a background with the Hex color FFA859.

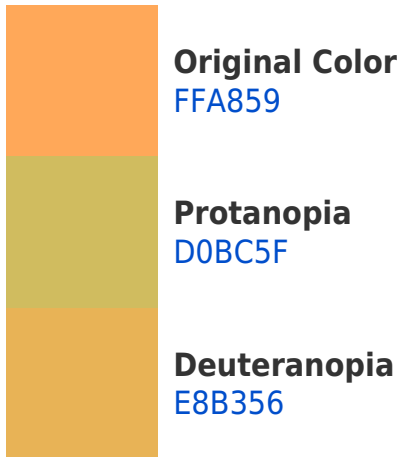


This preview shows how white text looks on a background with the Hex color FFA859.

# Color Blindness Simulation

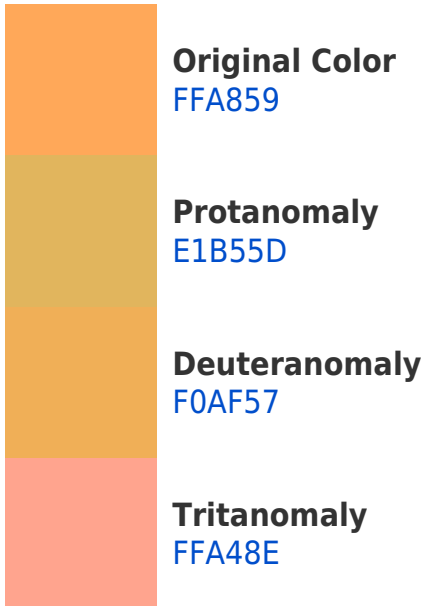
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

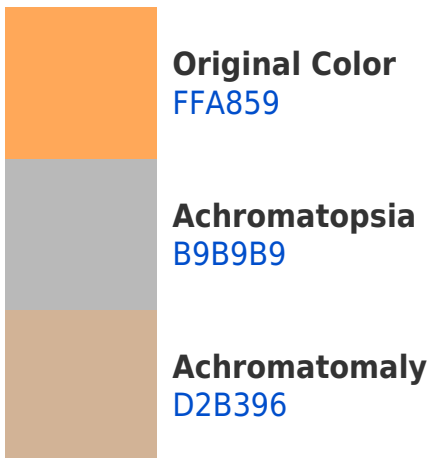




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA859 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 #FFA859 looks like.

```
.text, #text, p{  
    color:#FFA859  
}
```

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 #FFA859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA859
}
```

## Border

The CSS property to change the border of an element to Hex FFA859 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
#FFA859 }
```

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

```
.border{ border-color:#FFA859 }
```

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

Here you see how a box with a 4 pixel #FFA859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA859; -webkit-box-shadow:4px 4px  
4px 4px #FFA859; box-shadow:4px 4px 4px  
4px #FFA859 }
```

# Background

The CSS property to change the background color of an element to Hex FFA859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA859 }
```

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

```
.background{ background-color:#FFA859 }
```

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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