

# Converting Colors

Hex(FFA075)

Have a look what the booklet for  
Hex(FFA075) contains.

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**Color**

**Hex(FFA075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA075
RGB	255, 160, 117
RGB Percent	100%, 63%, 46%
CMY	0.0000, 0.3725, 0.5412
CMYK	0.00, 0.37, 0.54, 0.00
HSL	19°, 100%, 73%
HSV	19°, 54%, 100%
XYZ	57.0217, 47.6860, 23.0286
YIQ	183.5030, 70.4230, 6.7670

# Conversions

## Conversions Part 2

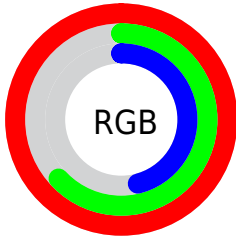
Format	Color
<a href="#">RYB</a>	<a href="#">255, 179, 117</a>
Decimal	<a href="#">16752757</a>
CIELab	<a href="#">74.63, 31.07, 37.09</a>
CIElCh	<a href="#">75, 48.385, 50.050</a>
Yxy	<a href="#">47.6860, 0.4464, 0.3733</a>
Android (android.graphics.Color)	<a href="#">4294942837</a> ( <a href="#">0xFFFFA075</a> )
YUV	<a href="#">183.5030, -32.7860, 62.7029</a>
Hunter-Lab	<a href="#">69.0550, 26.5488, 28.5664</a>

# Details

The Hex color **FFA075** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **75D4FF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD7AA**, and **C26C44** is the 20% darker color. If you saturate the color by 10%, you get **FF8E5B**, and if you desaturate by 10%, it is **FFB28F**.

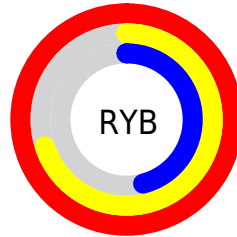
# Distribution



Red (100%)

Green (63%)

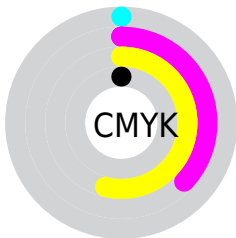
Blue (46%)



Red (100%)

Yellow (70%)

Blue (46%)

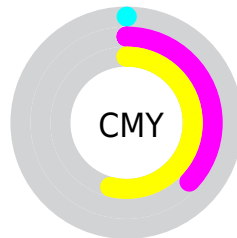


Cyan (0%)

Magenta (37%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA075 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 FFA075 by changing the saturation by 10% instead.



 FFA075

 FFA075

FFFFFF

 E0855C

 FFD7AA

 C26C44

 FFF4C5

 A5522C

 FFFFE1

 883A16

FFFFFFE

 6B2200

 4F0800

 340000

 120000

 000000

 FFA075

 FFA075

 FF8E5B

 FFB28F

 FF7D42

 FFC3A8

 FF6B28

 FFD5C2

 FF5A0F

 FFE6DB

 FF4F00

 FFF8F4

FFFFFF

# Harmonies

## Analogous

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



FF959B



FFA075



E0B05F

# Triad

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



FFA075



39CEA7



A5B2FF

# Complementary

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



FFA075



75D4FF

# 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.



4AC1FF



FFA075



00CFD5

# Square

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



FFA075



82C87D



00CAFB



E0A1F1

# Rectangle

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



FFA075



C5BA5D



00CAFB



8BB7FF

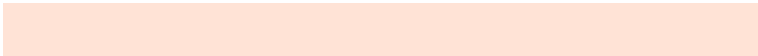


# Sweetspot

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



FFA075



FFE3D6



FF75D6



806F67



000000



808080



# Same Dimension

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



FFA075



FF8D59



FFE375



807773



BF3C00



401400



# Inverse Universe

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



75D4FF



59CBFF



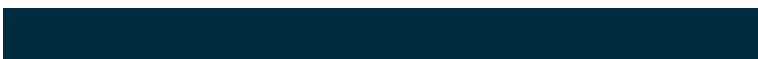
7591FF



737C80



0084BF



002C40



# Previews

## White Background



This preview shows how the Hex color FFA075 looks on a white background.

## Color Contrast Check

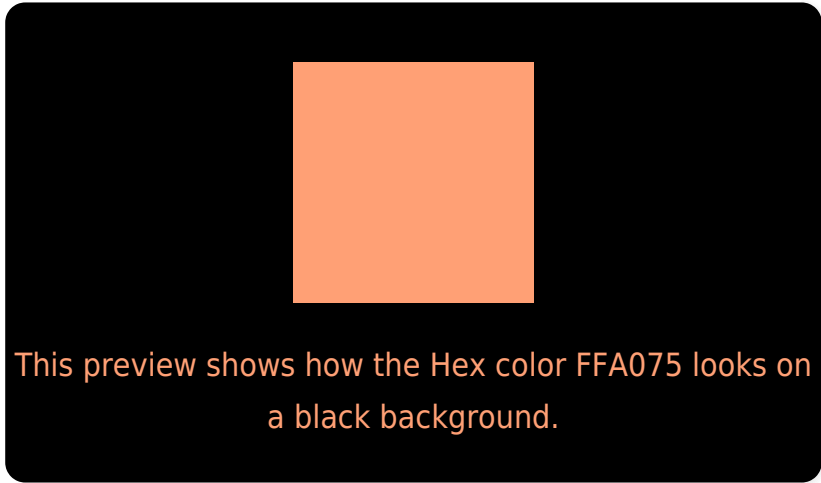
Large Text (above 18pt) WCAG AA × Fail

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

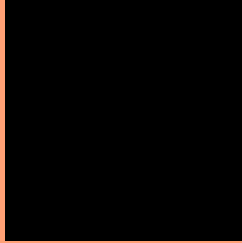
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFA075 Background



This preview shows how black text looks on a background with the Hex color FFA075.

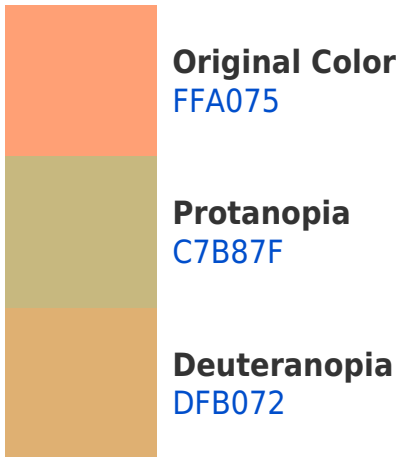


This preview shows how white text looks on a background with the Hex color FFA075.

# 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](#).

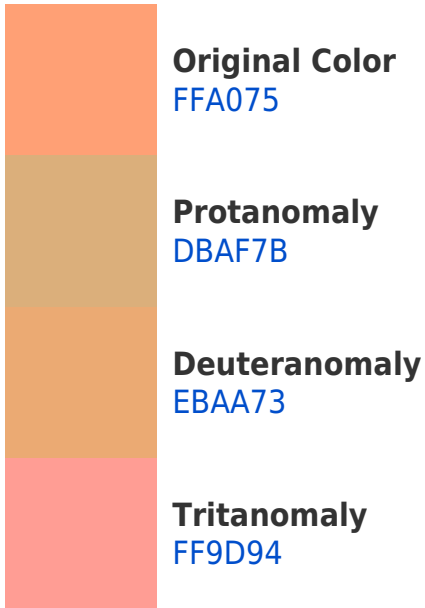
## Dichromacy



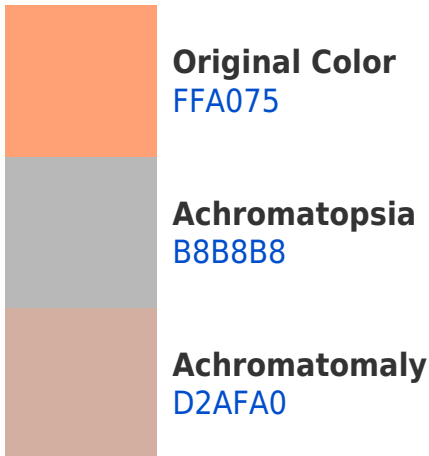


**Tritanopia**  
FF9CA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA075 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 #FFA075 looks like.

```
.text, #text, p{  
    color:#FFA075  
}
```

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 #FFA075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA075
}
```

## Border

The CSS property to change the border of an element to Hex FFA075 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
#FFA075 }
```

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

```
.border{ border-color:#FFA075 }
```

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

Here you see how a box with a 4 pixel #FFA075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA075; -webkit-box-shadow:4px 4px  
4px 4px #FFA075; box-shadow:4px 4px 4px  
4px #FFA075 }
```

# Background

The CSS property to change the background color of an element to Hex FFA075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA075 }
```

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

```
.background{ background-color:#FFA075 }
```

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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