

# Converting Colors

Hex(FFA05A)

Have a look what the booklet for  
Hex(FFA05A) contains.

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**Color**

**Hex(FFA05A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA05A
RGB	255, 160, 90
RGB Percent	100%, 63%, 35%
CMY	0.0000, 0.3725, 0.6471
CMYK	0.00, 0.37, 0.65, 0.00
HSL	25°, 100%, 68%
HSV	25°, 65%, 100%
XYZ	55.6563, 47.1398, 15.8383
YIQ	180.4250, 79.0900, -1.6300

# Conversions

## Conversions Part 2

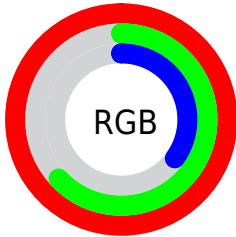
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 212, 90
Decimal	16752730
CIE <sub>Lab</sub>	74.28, 29.17, 50.47
CIE <sub>LCh</sub>	74, 58.295, 59.971
Yxy	47.1398, 0.4691, 0.3974
Android (android.graphics.Color)	4294942810 (0xFFFFA05A)
YUV	180.4250, -44.5795, 65.4023
Hunter-Lab	68.6584, 24.5444, 34.3837

# Details

The Hex color **FFA05A** 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 **5AB9FF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD78E**, and **C26C28** is the 20% darker color. If you saturate the color by 10%, you get **FF9141**, and if you desaturate by 10%, it is **FFAF74**.

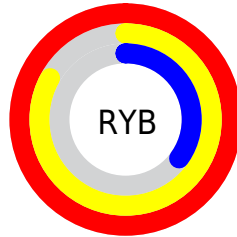
# Distribution



Red (100%)

Green (63%)

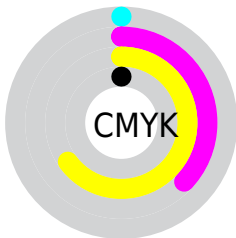
Blue (35%)



Red (100%)

Yellow (83%)

Blue (35%)

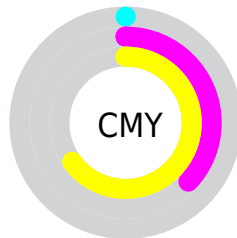


Cyan (0%)

Magenta (37%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA05A 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 FFA05A by changing the saturation by 10% instead.



 FFA05A

 FFA05A

FFFFFF

 E08541

 FFD78E

 C26C28

 FFF4A9

 A3530C

 FFFFC5

 863B00

 FFFFE1

 692300

FFFFFFE

 4C0B00

 320000

 0C0000

 000000

■ FFA05A

■ FFA05A

■ FF9141

■ FFAF74

■ FF8327

■ FFBD8D

■ FF740E

■ FFCCA7

■ FF6C00

■ FFDBC0

■ FFE9DA

■ FFF8F3

FFFFFF

# Harmonies

## Analogous

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



FF8E84



FFA05A



D5B446

# Triad

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



FFA05A



00D1B5



B9A9FF

# Complementary

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



FFA05A



5AB9FF

# Split Complementary

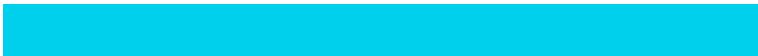
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47BCFF



FFA05A



00D0EB

# Square

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



FFA05A



57CD7F



00CAFF



F894ED

# Rectangle

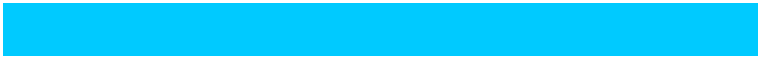
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFA05A



B2BF4C



00CAFF



9BB0FF



# Sweetspot

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



FFA05A



FFE3CF



FF5ABA



806F62



000000



808080



# Same Dimension

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



FFA05A



FF8C38



FFF15A



807873



BF5100



401B00



# Inverse Universe

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



5AB9FF



38ABFF



5A68FF



737A80



006EBF



002540



# Previews

## White Background



This preview shows how the Hex color FFA05A looks on a white background.

## Color Contrast Check

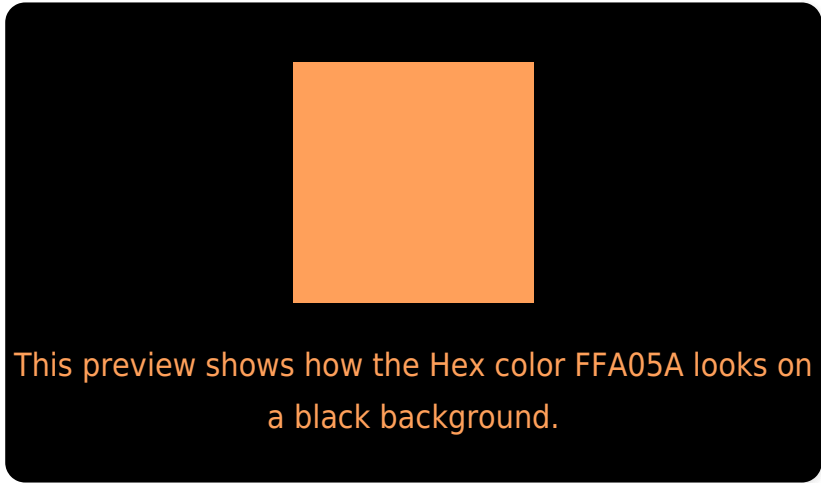
Large Text (above 18pt) WCAG AA × Fail

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

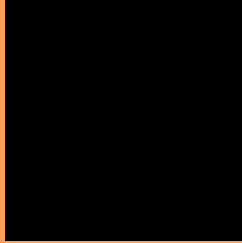
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFA05A Background



This preview shows how black text looks on a background with the Hex color FFA05A.

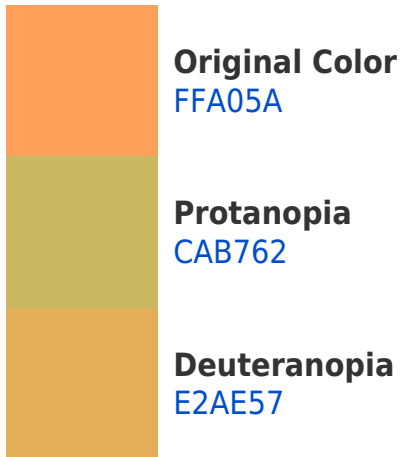


This preview shows how white text looks on a background with the Hex color FFA05A.

# 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](#).

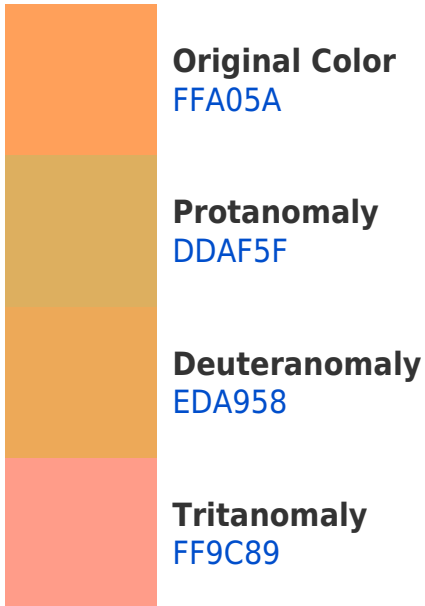
## Dichromacy



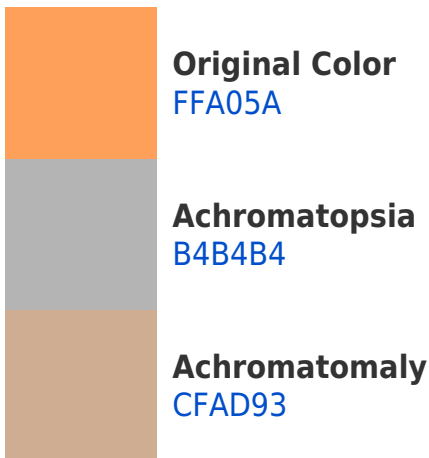


**Tritanopia**  
FF9AA4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA05A 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 #FFA05A looks like.

```
.text, #text, p{  
    color:#FFA05A  
}
```

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 #FFA05A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA05A
}
```

## Border

The CSS property to change the border of an element to Hex FFA05A 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
#FFA05A }
```

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

```
.border{ border-color:#FFA05A }
```

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

Here you see how a box with a 4 pixel #FFA05A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA05A; -webkit-box-shadow:4px 4px  
4px 4px #FFA05A; box-shadow:4px 4px 4px  
4px #FFA05A }
```

# Background

The CSS property to change the background color of an element to Hex FFA05A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA05A }
```

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

```
.background{ background-color:#FFA05A }
```

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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