

Converting Colors

Hex(FFA04F)

Have a look what the booklet for
Hex(FFA04F) contains.

Hex(FFA04F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFA04F)

Conversions

Conversions Part 1

Format	Color
Hex	FFA04F
RGB	255, 160, 79
RGB Percent	100%, 63%, 31%
CMY	0.0000, 0.3725, 0.6902
CMYK	0.00, 0.37, 0.69, 0.00
HSL	28°, 100%, 65%
HSV	28°, 69%, 100%
XYZ	55.2221, 46.9661, 13.5520
YIQ	179.1710, 82.6210, -5.0510

Conversions

Conversions Part 2

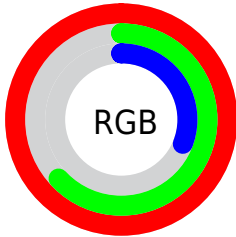
Format	Color
R_{YB}	255, 229, 79
Decimal	16752719
CIE Lab	74.17, 28.56, 55.61
CIE LCh	74, 62.512, 62.813
Yxy	46.9661, 0.4771, 0.4058
Android (android.graphics.Color)	4294942799 (0xFFFFA04F)
YUV	179.1710, -49.3843, 66.5020
Hunter-Lab	68.5318, 23.9023, 36.2478

Details

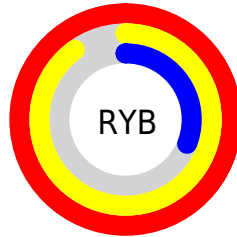
The Hex color **FFA04F** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4FAEFF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD783**, and **C16C1A** is the 20% darker color. If you saturate the color by 10%, you get **FF9236**, and if you desaturate by 10%, it is **FFAE69**.

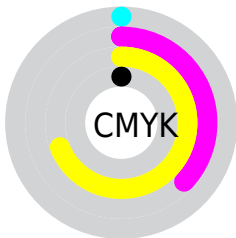
Distribution



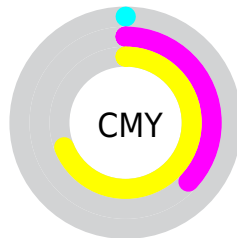
- Red (100%)
- Green (63%)
- Blue (31%)



- Red (100%)
- Yellow (90%)
- Blue (31%)



- Cyan (0%)
- Magenta (37%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA04F 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 FFA04F by changing the saturation by 10% instead.

 FFA04F

 FFA04F

FFFFFF

 E08635

 FFD783

 C16C1A

 FFF49E

 A35300

 FFFFBA

 853B00

 FFFFD6

 682400

 FFFFF3

 4B0C00

 310000

 090000

 000000

FFA04F

FFA04F

FF9236

FFAE69

FF841C

FFBC82

FF7703

FFC99C

FF7500

FFD7B5

FFE5CF

FFF3E8

FFFFFF

Harmonies

Analogous

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



FF8B7B



FFA04F



D1B53B

Triad

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



FFA04F



00D2BA



C0A5FF

Complementary

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



FFA04F



4FAEFF

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.



44BBFF



FFA04F



00D1F3

Square

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



FFA04F



3FCE7F



00CAFF



FF8EEC

Rectangle

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



FFA04F



ABC045



00CAFF



A1ADFF

Sweetspot

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



FFA04F



FFE2C9



FF4FB0



806E60



000000



808080

Same Dimension

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



FFA04F



FF8D2B



FFF64F



807973



BF5800



401D00

Inverse Universe

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



4FAEFF



2B9EFF



4F58FF



737A80



0067BF



002240

Previews

White Background



This preview shows how the Hex color FFA04F looks on a white background.

Color Contrast Check

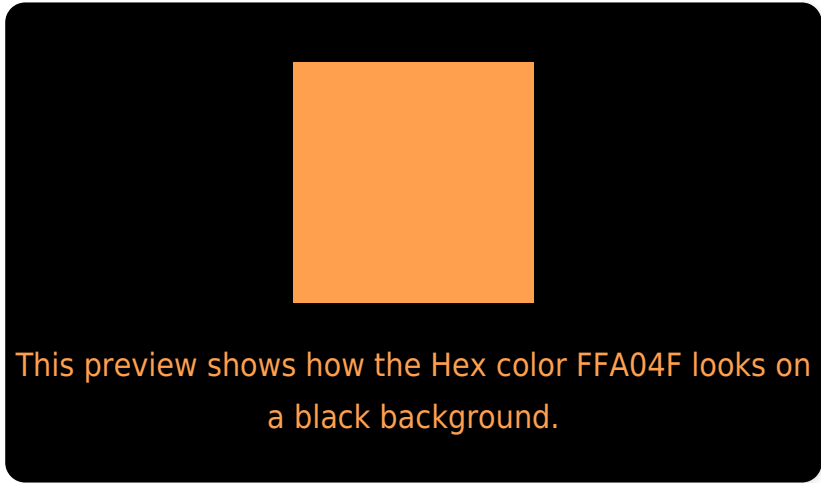
Large Text (above 18pt) WCAG AA × Fail

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 FFA04F Background



This preview shows how black text looks on a background with the Hex color FFA04F.



This preview shows how white text looks on a background with the Hex color FFA04F.

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
FFA04F

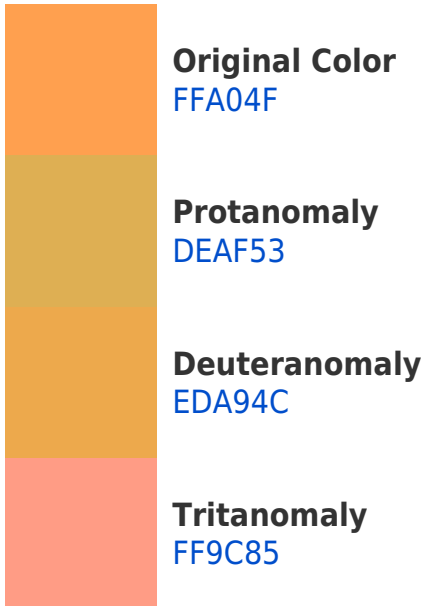
Protanopia
CBB756

Deuteranopia
E3AE4B

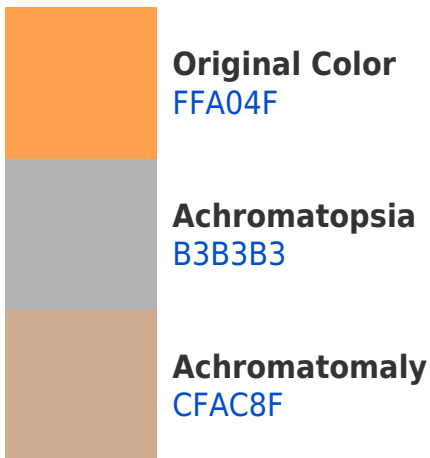


Tritanopia
FF9AA4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA04F 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 #FFA04F looks like.

```
.text, #text, p{  
    color:#FFA04F  
}
```

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 #FFA04F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA04F
}
```

Border

The CSS property to change the border of an element to Hex FFA04F 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
#FFA04F }
```

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

```
.border{ border-color:#FFA04F }
```

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

Here you see how a box with a 4 pixel #FFA04F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA04F; -webkit-box-shadow:4px 4px  
4px 4px #FFA04F; box-shadow:4px 4px 4px  
4px #FFA04F }
```

Background

The CSS property to change the background color of an element to Hex FFA04F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA04F }
```

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

```
.background{ background-color:#FFA04F }
```

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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