

Converting Colors

Hex(FFA13D)

Have a look what the booklet for
Hex(FFA13D) contains.

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Color

Hex(FFA13D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFA13D |
| RGB | 255, 161, 61 |
| RGB Percent | 100%, 63%, 24% |
| CMY | 0.0000, 0.3686, 0.7608 |
| CMYK | 0.00, 0.37, 0.76, 0.00 |
| HSL | 31°, 100%, 62% |
| HSV | 31°, 76%, 100% |
| XYZ | 54.8272, 47.0867, 10.6138 |
| YIQ | 177.7060, 88.1240, -11.1720 |

Conversions

Conversions Part 2

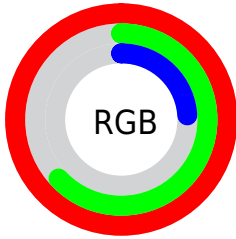
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 243, 255, 61 |
| Decimal | 16752957 |
| CIE Lab | 74.25, 27.23, 63.55 |
| CIE LCh | 74, 69.139, 66.804 |
| Yxy | 47.0867, 0.4872, 0.4184 |
| Android (android.graphics.Color) | 4294943037 (0xFFFFA13D) |
| YUV | 177.7060, -57.5361, 67.7868 |
| Hunter-Lab | 68.6197, 22.5370, 38.8631 |

Details

The Hex color **FFA13D** 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 **3D9BFF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD873**, and **C16D00** is the 20% darker color. If you saturate the color by 10%, you get **FF9523**, and if you desaturate by 10%, it is **FFAD57**.

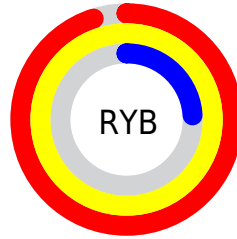
Distribution



Red (100%)

Green (63%)

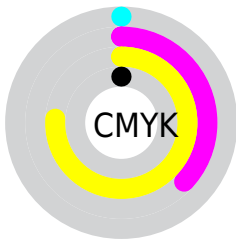
Blue (24%)



Red (95%)

Yellow (100%)

Blue (24%)

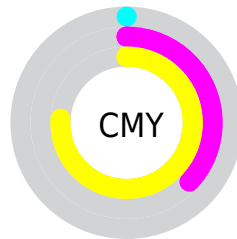


Cyan (0%)

Magenta (37%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA13D 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 FFA13D by changing the saturation by 10% instead.

 FFA13D

 FFA13D

FFFFFF

 E08720

 FFD873

 C16D00

 FFF58E

 A25400

 FFFFA9

 843C00

 FFFFC5

 672500

 FFFFEE

 4A0E00

 300000

 060000

 000000

■ FFA13D

■ FFA13D

■ FF9523

■ FFAD57

■ FF880A

■ FFBA70

■ FF8300

■ FFC68A

■ FFD2A3

■ FFDFBD

■ FFEBD6

■ FFF7F0

FFFFFF

Harmonies

Analogous

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



FF886E



FFA13D



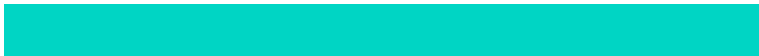
CAB829

Triad

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



FFA13D



00D5C4



CC9FFF

Complementary

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



FFA13D



3D9BFF

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.



42B9FF



FFA13D



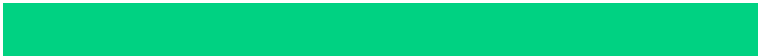
00D3FF

Square

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



FFA13D



00D282



00CBFF



FF85EA

Rectangle

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



FFA13D



9FC43A



00CBFF



ABA9FF

Sweetspot

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



FFA13D



FFE3C4



FF3D9E



806E5C



000000



808080

Same Dimension

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



FFA13D



FF8F17



FFFF3D



807973



BF6300



402100

Inverse Universe

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



3D9BFF



1787FF



3D3DFF



737980



005DBF



001F40

Previews

White Background



This preview shows how the Hex color FFA13D looks on a white background.

Color Contrast Check

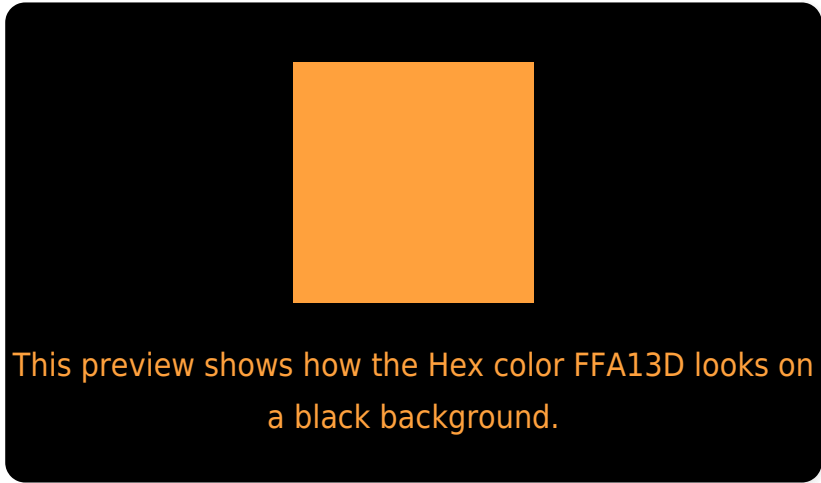
Large Text (above 18pt) WCAG AA × Fail

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 FFA13D Background



This preview shows how black text looks on a background with the Hex color FFA13D.



This preview shows how white text looks on a background with the Hex color FFA13D.

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
FFA13D

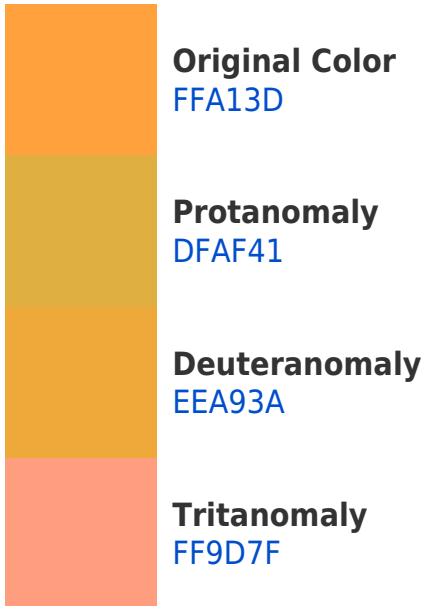
Protanopia
CCB743

Deuteranopia
E5AE39

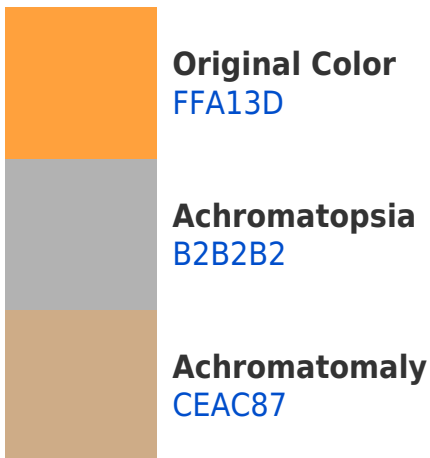


Tritanopia
FF9AA4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA13D 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 #FFA13D looks like.

```
.text, #text, p{  
    color:#FFA13D  
}
```

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 #FFA13D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA13D
}
```

Border

The CSS property to change the border of an element to Hex FFA13D 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
#FFA13D }
```

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

```
.border{ border-color:#FFA13D }
```

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

Here you see how a box with a 4 pixel #FFA13D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA13D; -webkit-box-shadow:4px 4px  
4px 4px #FFA13D; box-shadow:4px 4px 4px  
4px #FFA13D }
```

Background

The CSS property to change the background color of an element to Hex FFA13D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA13D }
```

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

```
.background{ background-color:#FFA13D }
```

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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