

Converting Colors

Hex(FFA32D)

Have a look what the booklet for
Hex(FFA32D) contains.

Hex(FFA32D)	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(FFA32D)

Conversions

Conversions Part 1

Format	Color
Hex	FFA32D
RGB	255, 163, 45
RGB Percent	100%, 64%, 18%
CMY	0.0000, 0.3608, 0.8235
CMYK	0.00, 0.36, 0.82, 0.00
HSL	34°, 100%, 59%
HSV	34°, 82%, 100%
XYZ	54.8108, 47.6438, 8.7900
YIQ	177.0560, 92.7100, -17.1940

Conversions

Conversions Part 2

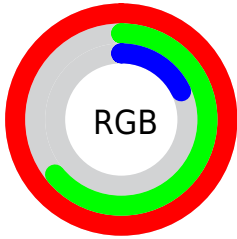
Format	Color
R _Y B	209, 255, 45
Decimal	16753453
CIE Lab	74.60, 25.66, 69.77
CIE LCh	75, 74.338, 69.805
Yxy	47.6438, 0.4927, 0.4283
Android (android.graphics.Color)	4294943533 (0xFFFFA32D)
YUV	177.0560, -65.1036, 68.3569
Hunter-Lab	69.0245, 20.9500, 40.7669

Details

The Hex color **FFA32D** 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 **2D89FF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDA65**, and **C06F00** is the 20% darker color. If you saturate the color by 10%, you get **FF9814**, and if you desaturate by 10%, it is **FFAE47**.

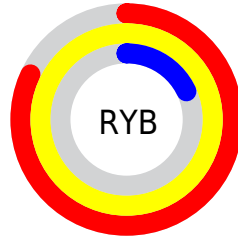
Distribution



Red (100%)

Green (64%)

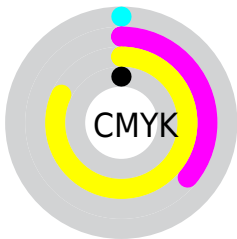
Blue (18%)



Red (82%)

Yellow (100%)

Blue (18%)

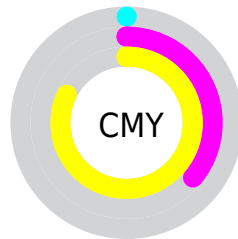


Cyan (0%)

Magenta (36%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA32D 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 FFA32D by changing the saturation by 10% instead.

 FFA32D

 FFA32D

FFFFFF

 DF8904

 FFDA65

 C06F00

 FFF781

 A25600

 FFFF9D

 843F00

 FFFFB9

 662800

 FFFFD5

 4A1100

 FFFFF3

 300000

 060000

 000000

 FFA32D

 FFA32D

 FF9814

 FFAE47

 FF8F00

 FFB960

 FFC57A

 FFD093

 FFDBAD

 FFE6C6

 FFF1E0

 FFFCF9

FFFFFF

Harmonies

Analogous

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



FF8663



FFA32D



C5BB16

Triad

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



FFA32D



00D8CD



D79BFF

Complementary

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



FFA32D



2D89FF

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.



47B8FF



FFA32D



00D5FF

Square

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



FFA32D



00D586



00CCFF



FF7EE8

Rectangle

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



FFA32D



96C732



00CCFF



B5A6FF

Sweetspot

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



FFA32D



FFE3BF



FF2D8B



806F59



000000



808080

Same Dimension

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



FFA32D



FF9003



F5FF2D



807A73



BF6B00



402400

Inverse Universe

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



2D89FF



0371FF



382DFF



737880



0054BF



001C40

Previews

White Background



This preview shows how the Hex color FFA32D looks on a white background.

Color Contrast Check

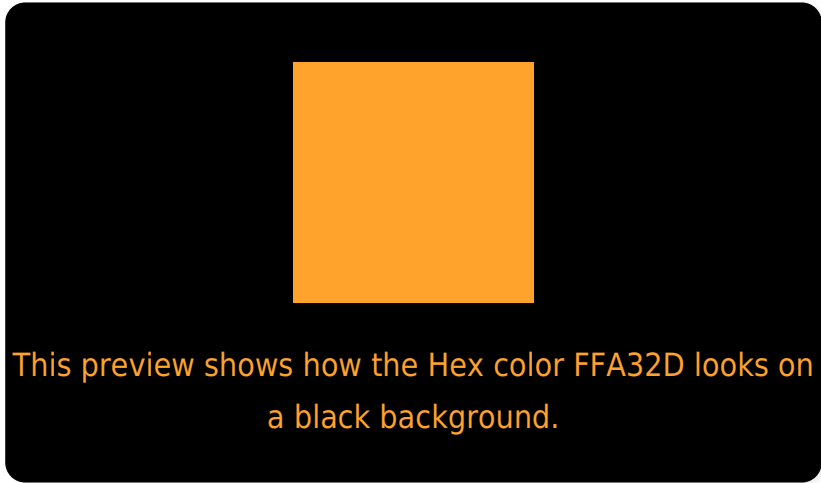
Large Text (above 18pt) WCAG AA × Fail

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 FFA32D Background



This preview shows how black text looks on a background with the Hex color FFA32D.

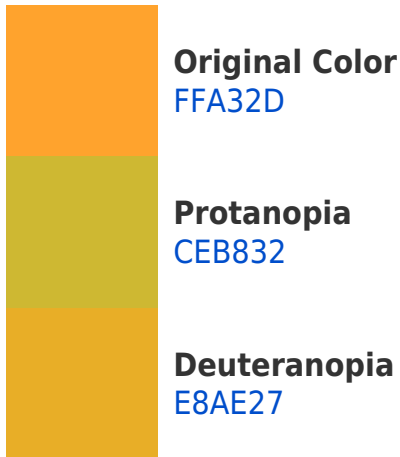


This preview shows how white text looks on a background with the Hex color FFA32D.

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](#).

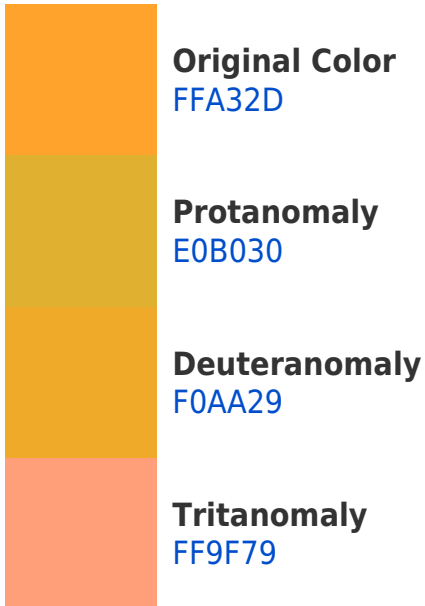
Dichromacy



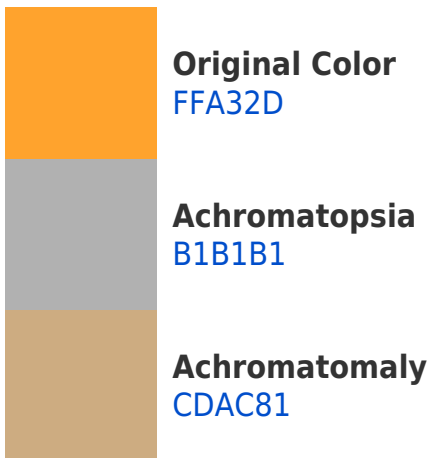


Tritanopia
FF9CA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA32D 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 #FFA32D looks like.

```
.text, #text, p{  
    color:#FFA32D  
}
```

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 #FFA32D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA32D } }
```

Border

The CSS property to change the border of an element to Hex FFA32D 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 #FFA32D } }
```

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

```
.border{ border-color:#FFA32D }
```

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

Here you see how a box with a 4 pixel #FFA32D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA32D; -webkit-box-shadow:4px 4px  
4px 4px #FFA32D; box-shadow:4px 4px 4px  
4px #FFA32D }
```

Background

The CSS property to change the background color of an element to Hex FFA32D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA32D }
```

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

```
.background{ background-color:#FFA32D }
```

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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