

Converting Colors

Hex(FDA437)

Have a look what the booklet for
Hex(FDA437) contains.

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Color

Hex(FDA437)

Conversions

Conversions Part 1

Format	Color
Hex	FDA437
RGB	253, 164, 55
RGB Percent	99%, 64%, 22%
CMY	0.0078, 0.3569, 0.7843
CMYK	0.00, 0.35, 0.78, 0.01
HSL	33°, 98%, 60%
HSV	33°, 78%, 99%
XYZ	54.4731, 47.7094, 9.9522
YIQ	178.1850, 88.0330, -15.0310

Conversions

Conversions Part 2

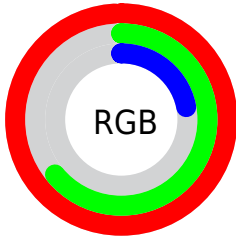
Format	Color
R _Y B	217, 253, 55
Decimal	16622647
CIE Lab	74.64, 24.63, 66.19
CIE LCh	75, 70.620, 69.591
Yxy	47.7094, 0.4858, 0.4255
Android (android.graphics.Color)	4294812727 (0xFFFDA437)
YUV	178.1850, -60.7302, 65.6128
Hunter-Lab	69.0720, 19.8966, 39.8076

Details

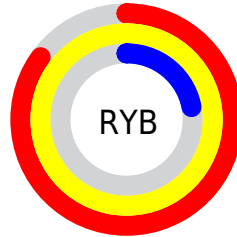
The Hex color **FDA437** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3790FD**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDB6E**, and **BF7000** is the 20% darker color. If you saturate the color by 10%, you get **FD991E**, and if you desaturate by 10%, it is **FDAF50**.

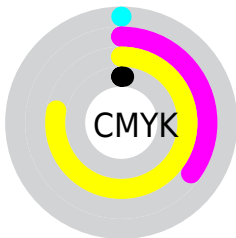
Distribution



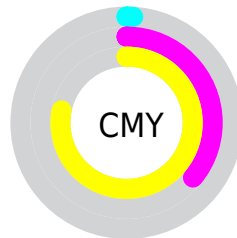
- Red (99%)
- Green (64%)
- Blue (22%)



- Red (85%)
- Yellow (99%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (78%)
- Black (1%)



- Cyan (1%)
- Magenta (36%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDA437 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 FDA437 by changing the saturation by 10% instead.

 FDA437

 FDA437

FFFFFF

 DE8A18

 FFDB6E

 BF7000

 FFF889

 A05700

 FFFFA4

 833F00

 FFFFC1

 652900

 FFFFDD

 491200

 FFFFFB

 2F0000

 040000

 000000

 FDA437

 FDA437

 FD991E

 FDAF50

 FD8D04

 FDBB6A

 FD8B00

 FDC683

 FDD19C

 FDDDB6

 FDE8CF

 FDF4E8

FDFFFF

Harmonies

Analogous

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



FF8A68



FDA437



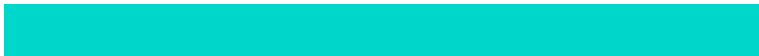
C6BB26

Triad

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



FDA437



00D7CB



D69DFF

Complementary

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



FDA437



3790FD

Split Complementary

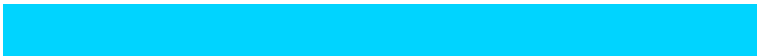
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55B8FF



FDA437



00D4FF

Square

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



FDA437



00D488



00CBFF



FF83E6

Rectangle

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



FDA437



99C63C



00CBFF



B6A7FF

Sweetspot

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



FDA437



FFE5C4



FD3790



806F5C



000000



808080

Same Dimension

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



FDA437



FF930F



F3FD37



807A73



BF6900



402300

Inverse Universe

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



3790FD



0F7BFF



4137FD



737880



0056BF



001D40

Previews

White Background



This preview shows how the Hex color FDA437 looks on a white background.

Color Contrast Check

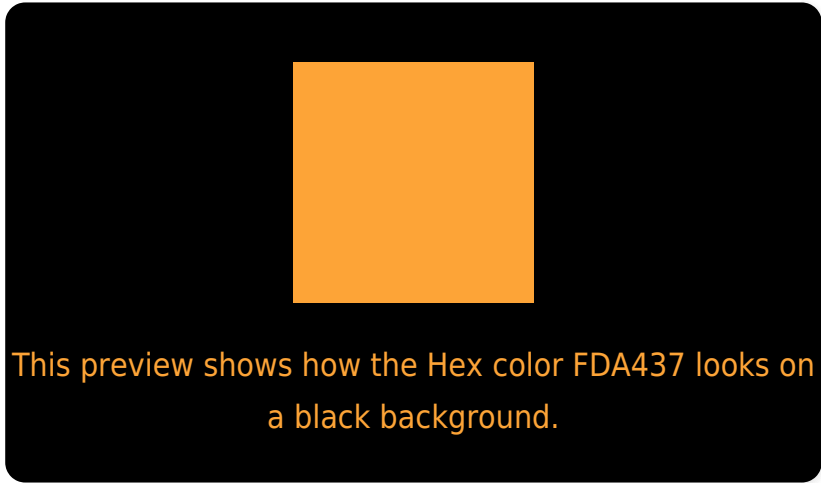
Large Text (above 18pt) WCAG AA × Fail

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 FDA437 Background



This preview shows how black text looks on a background with the Hex color FDA437.

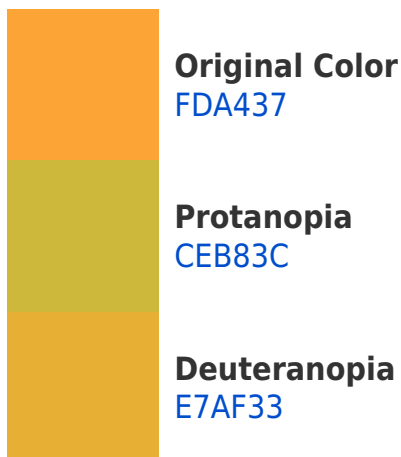


This preview shows how white text looks on a background with the Hex color FDA437.

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](#).

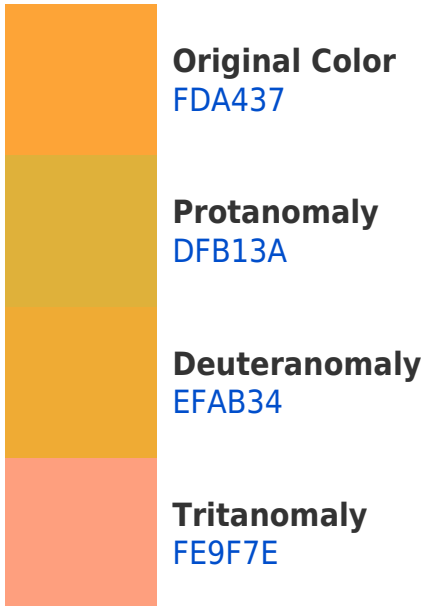
Dichromacy



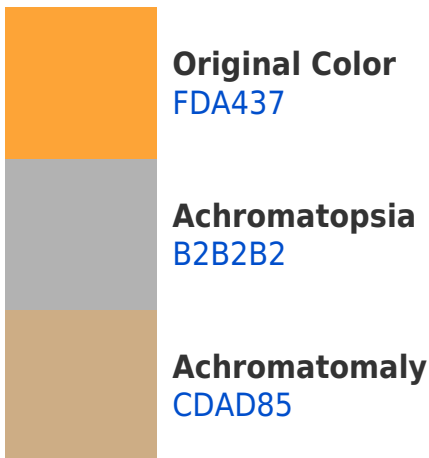


Tritanopia
FF9CA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDA437 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 #FDA437 looks like.

```
.text, #text, p{  
    color:#FDA437  
}
```

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 #FDA437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDA437
}
```

Border

The CSS property to change the border of an element to Hex FDA437 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
#FDA437 }
```

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

```
.border{ border-color:#FDA437 }
```

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

Here you see how a box with a 4 pixel #FDA437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDA437; -webkit-box-shadow:4px 4px  
4px 4px #FDA437; box-shadow:4px 4px 4px  
4px #FDA437 }
```

Background

The CSS property to change the background color of an element to Hex FDA437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDA437 }
```

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

```
.background{ background-color:#FDA437 }
```

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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