

Converting Colors

Hex(FDA131)

Have a look what the booklet for
Hex(FDA131) contains.

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Color

Hex(FDA131)

Conversions

Conversions Part 1

Format	Color
Hex	FDA131
RGB	253, 161, 49
RGB Percent	99%, 63%, 19%
CMY	0.0078, 0.3686, 0.8078
CMYK	0.00, 0.36, 0.81, 0.01
HSL	33°, 98%, 59%
HSV	33°, 81%, 99%
XYZ	53.8073, 46.5941, 9.0633
YIQ	175.7400, 90.7840, -15.3280

Conversions

Conversions Part 2

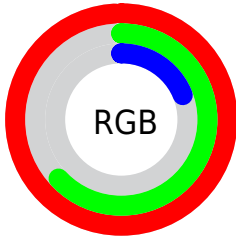
Format	Color
R _Y B	217, 253, 49
Decimal	16621873
CIE Lab	73.93, 26.00, 67.73
CIE LCh	74, 72.543, 69.001
Yxy	46.5941, 0.4915, 0.4257
Android (android.graphics.Color)	4294811953 (0xFFFDA131)
YUV	175.7400, -62.4828, 67.7570
Hunter-Lab	68.2599, 21.2515, 39.9096

Details

The Hex color **FDA131** 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 **318DFD**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD868**, and **BF6D00** is the 20% darker color. If you saturate the color by 10%, you get **FD9618**, and if you desaturate by 10%, it is **FDAC4A**.

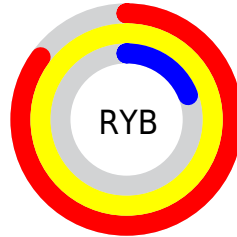
Distribution



Red (99%)

Green (63%)

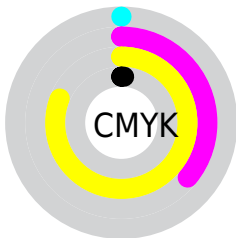
Blue (19%)



Red (85%)

Yellow (99%)

Blue (19%)

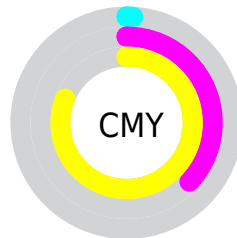


Cyan (0%)

Magenta (36%)

Yellow (81%)

Black (1%)



Cyan (1%)

Magenta (37%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDA131 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 FDA131 by changing the saturation by 10% instead.

 FDA131

 FDA131

FFFFFF

 DE870E

 FFD868

 BF6D00

 FFF584

 A05400

 FFFF9F

 823D00

 FFFFBB

 652600

 FFFFD8

 480F00

 FFFFF5

 2E0000

 000000

 FDA131

 FDA131

FD9618

FDAC4A

FD8B00

FDB864

FDC37D

FDCF96

FDDAB0

FDE5C9

PDF1E2

PDFCFB

FDFFFF

Harmonies

Analogous

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



FF8665



FDA131



C5B91B

Triad

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



FDA131



00D5C9



D29BFF

Complementary

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



FDA131



318DFD

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.



44B7FF



FDA131



00D3FF

Square

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



FDA131



00D283



00CAFF



FF7FE7

Rectangle

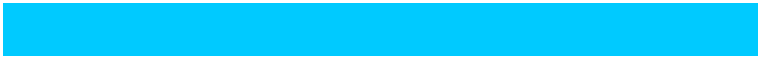
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDA131



97C534



00CAFF



B1A5FF

Sweetspot

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



FDA131



FFE3C2



FD3190



806F5B



000000



808080

Same Dimension

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



FDA131



FF8F08



F6FD31



807A73



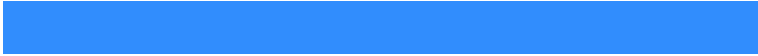
BF6900



402300

Inverse Universe

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



318DFD



0877FF



3831FD



737980



0056BF



001D40

Previews

White Background



This preview shows how the Hex color FDA131 looks on a white background.

Color Contrast Check

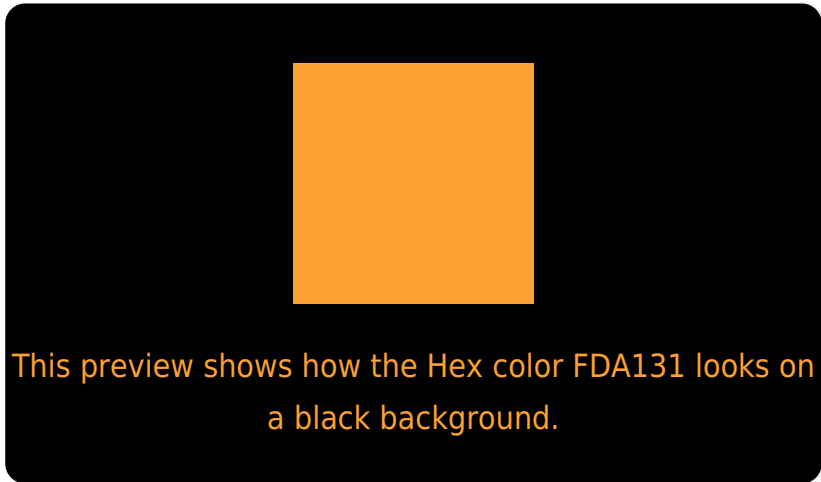
Large Text (above 18pt) WCAG AA × Fail

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 FDA131 Background



This preview shows how black text looks on a background with the Hex color FDA131.

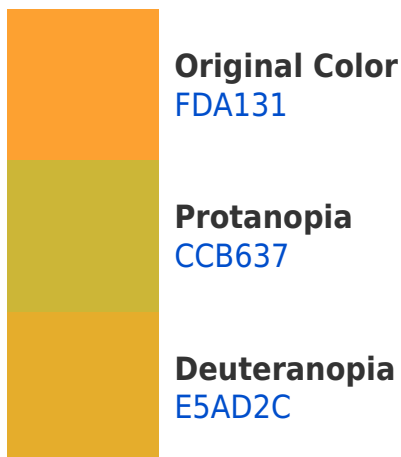


This preview shows how white text looks on a background with the Hex color FDA131.

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](#).

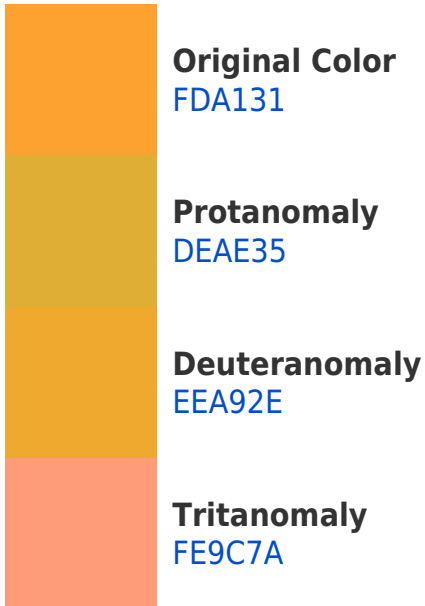
Dichromacy



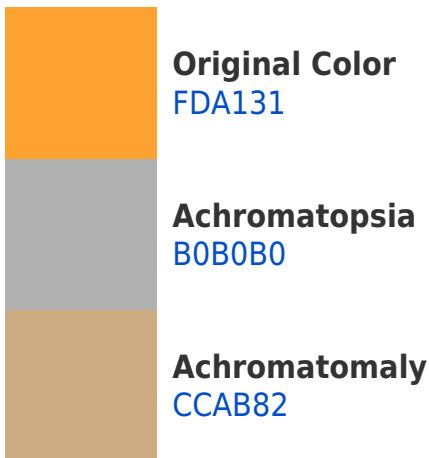


Tritanopia
FF99A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDA131 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 #FDA131 looks like.

```
.text, #text, p{  
    color:#FDA131  
}
```

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 #FDA131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDA131
}
```

Border

The CSS property to change the border of an element to Hex FDA131 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
#FDA131 }
```

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

```
.border{ border-color:#FDA131 }
```

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

Here you see how a box with a 4 pixel #FDA131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDA131; -webkit-box-shadow:4px 4px  
4px 4px #FDA131; box-shadow:4px 4px 4px  
4px #FDA131 }
```

Background

The CSS property to change the background color of an element to Hex FDA131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDA131 }
```

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

```
.background{ background-color:#FDA131 }
```

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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