

Converting Colors

Hex(FDA04C)

Have a look what the booklet for
Hex(FDA04C) contains.

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Color

Hex(FDA04C)

Conversions

Conversions Part 1

Format	Color
Hex	FDA04C
RGB	253, 160, 76
RGB Percent	99%, 63%, 30%
CMY	0.0078, 0.3725, 0.7020
CMYK	0.00, 0.37, 0.70, 0.01
HSL	28°, 98%, 65%
HSV	28°, 70%, 99%
XYZ	54.3833, 46.5461, 12.9555
YIQ	178.2310, 82.3920, -6.4080

Conversions

Conversions Part 2

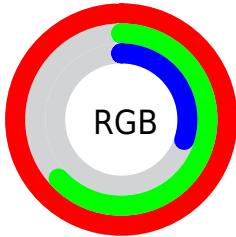
Format	Color
R _Y B	253, 236, 76
Decimal	16621644
CIE Lab	73.90, 27.60, 56.63
CIE LCh	74, 62.996, 64.016
Yxy	46.5461, 0.4775, 0.4087
Android (android.graphics.Color)	4294811724 (0xFFFDA04C)
YUV	178.2310, -50.3999, 65.5724
Hunter-Lab	68.2247, 22.8929, 36.4985

Details

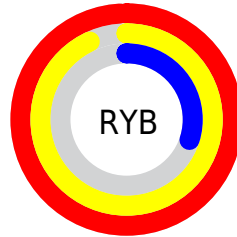
The Hex color **FDA04C** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4CA9FD**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD780**, and **BF6C16** is the 20% darker color. If you saturate the color by 10%, you get **FD9333**, and if you desaturate by 10%, it is **FDAD65**.

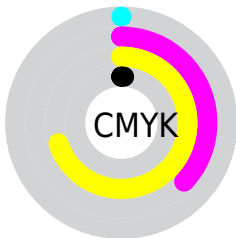
Distribution



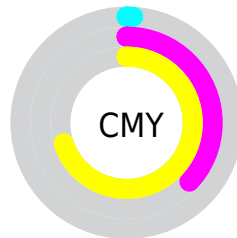
- Red (99%)
- Green (63%)
- Blue (30%)



- Red (99%)
- Yellow (93%)
- Blue (30%)



- Cyan (0%)
- Magenta (37%)
- Yellow (70%)
- Black (1%)



- Cyan (1%)
- Magenta (37%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDA04C 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 FDA04C by changing the saturation by 10% instead.

 FDA04C

 FDA04C

FFFFFF

 DE8632

 FFD780

 BF6C16

 FFF49B

 A15300

 FFFFFB7

 843B00

 FFFFD3

 662400

 FFFFF0

 4A0D00

 300000

 030000

 000000

 FDA04C

 FDA04C

 FD9333

 FDAD65

 FD8519

 FDBB7F

 FD7800

 FDC898

 FDD5B1

 FDE2CB

 FDF0E4

 FDFDFD

 FDFFFF

Harmonies

Analogous

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



FF8B78



FDA04C



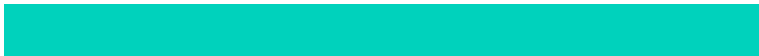
CEB539

Triad

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



FDA04C



00D2BC



C2A3FF

Complementary

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



FDA04C



4CA9FD

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.



49B9FF



FDA04C



00D1F5

Square

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



FDA04C



36CE81



00C9FF



FF8CE9

Rectangle

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



FDA04C



A8C044



00C9FF



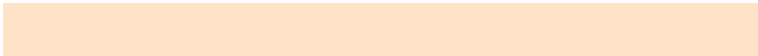
A4ABFF

Sweetspot

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



FDA04C



FFE3C9



FD4CAA



806F60



000000



808080

Same Dimension

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



FDA04C



FF8E29



FDF74C



807973



BF5B00



401E00

Inverse Universe

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



4CA9FD



2999FF



4C52FD



737980



0064BF



002140

Previews

White Background



This preview shows how the Hex color FDA04C looks on a white background.

Color Contrast Check

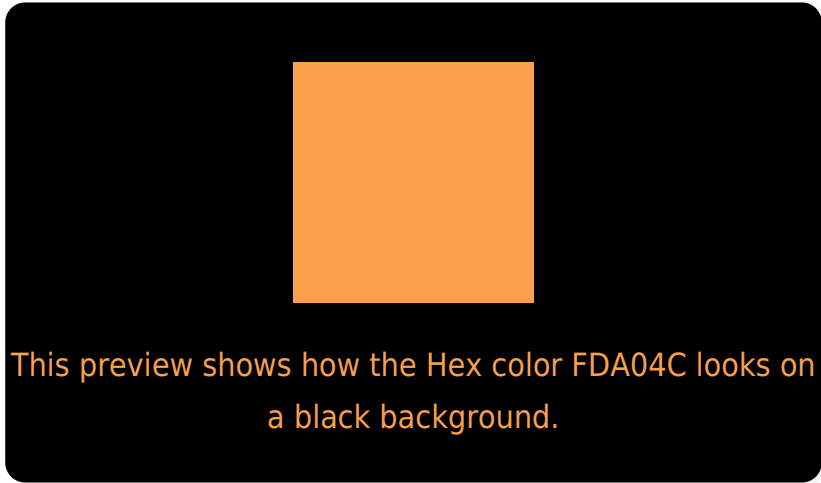
Large Text (above 18pt) WCAG AA × Fail

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 FDA04C Background



This preview shows how black text looks on a background with the Hex color FDA04C.

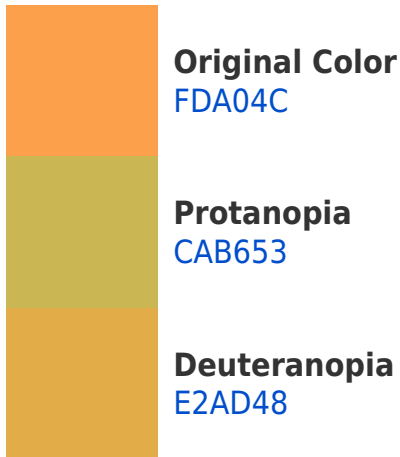


This preview shows how white text looks on a background with the Hex color FDA04C.

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](#).

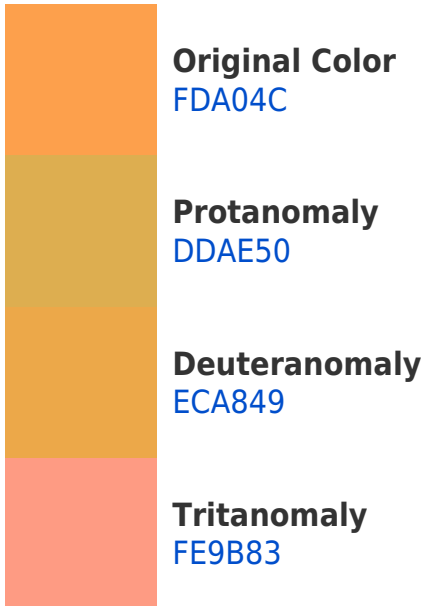
Dichromacy



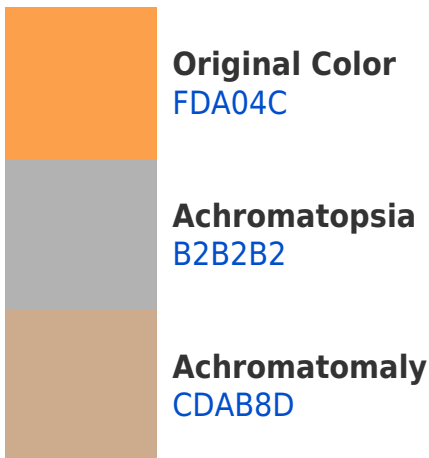


Tritanopia
FF98A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDA04C 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 #FDA04C looks like.

```
.text, #text, p{  
  color:#FDA04C  
}
```

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 #FDA04C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDA04C
}
```

Border

The CSS property to change the border of an element to Hex FDA04C 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
#FDA04C }
```

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

```
.border{ border-color:#FDA04C }
```

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

Here you see how a box with a 4 pixel #FDA04C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDA04C; -webkit-box-shadow:4px 4px  
4px 4px #FDA04C; box-shadow:4px 4px 4px  
4px #FDA04C }
```

Background

The CSS property to change the background color of an element to Hex FDA04C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDA04C }
```

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

```
.background{ background-color:#FDA04C }
```

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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