

# Converting Colors

Hex(FDAC24)

Have a look what the booklet for  
Hex(FDAC24) contains.

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# **Color**

**Hex(FDAC24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDAC24
RGB	253, 172, 36
RGB Percent	99%, 67%, 14%
CMY	0.0078, 0.3255, 0.8588
CMYK	0.00, 0.32, 0.86, 0.01
HSL	38°, 98%, 57%
HSV	38°, 86%, 99%
XYZ	55.5790, 50.5151, 8.4901
YIQ	180.7150, 91.9320, -25.1240

# Conversions

## Conversions Part 2

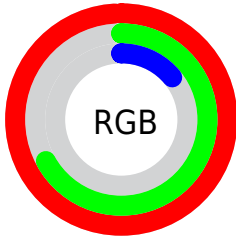
Format	Color
<a href="#">RYB</a>	<a href="#">165, 253, 36</a>
Decimal	<a href="#">16624676</a>
CIELab	<a href="#">76.38, 19.91, 73.84</a>
CIELCh	<a href="#">76, 76.475, 74.913</a>
Yxy	<a href="#">50.5151, 0.4850, 0.4409</a>
Android (android.graphics.Color)	<a href="#">4294814756 (0xFFFDAC24)</a>
YUV	<a href="#">180.7150, -71.3445, 63.3939</a>
Hunter-Lab	<a href="#">71.0740, 15.2054, 42.6693</a>

# Details

The Hex color **FDAC24** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2475FD**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE360**, and **BF7800** is the 20% darker color. If you saturate the color by 10%, you get **FDA30B**, and if you desaturate by 10%, it is **FDB53D**.

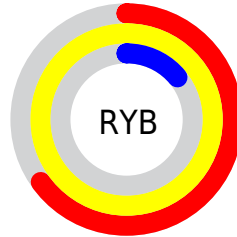
# Distribution



Red (99%)

Green (67%)

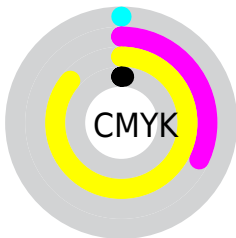
Blue (14%)



Red (65%)

Yellow (99%)

Blue (14%)

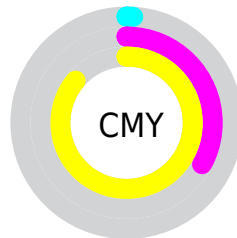


Cyan (0%)

Magenta (32%)

Yellow (86%)

Black (1%)



Cyan (1%)

Magenta (33%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDAC24 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 FDAC24 by changing the saturation by 10% instead.



 FDAC24

 FDAC24

FFFFFF

 DE9100

 FFE360

 BF7800

 FFFF7C

 A05F00

 FFFF98

 824700

 FFFFB4

 653100

 FFFFD1

 491B00

 FFFFEE

 2F0500

 0B0000

 000000

 FDAC24

 FDAC24

 FDA30B

 FDB53D

 FD9F00

 FDBF57

 FDC870

 FDD289

 FDDBA3

 FDE5BC

 FDEED5

 FDF8EE

FDFFFF

# Harmonies

## Analogous

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



FF8E5B



FDAC24



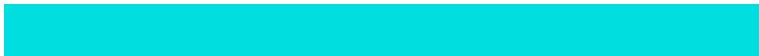
BEC419

# Triad

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



FDAC24



00DEDF



EC9AFF

# Complementary

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



FDAC24



2475FD

# 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.



70B8FF



FDAC24



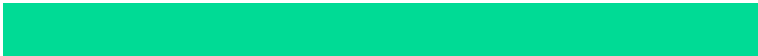
00DAFF

# Square

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



FDAC24



00DB95



00CEFF



FF7DE3

# Rectangle

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



FDAC24



8BCF3C



00CEFF



CDA4FF

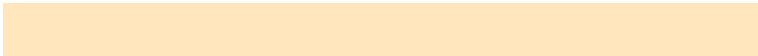


# Sweetspot

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



FDAC24



FFE6BD



FD2477



807158



000000



808080



# Same Dimension

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



FDAC24



FFA000



E4FD24



807B73



BF7800



402800



# Inverse Universe

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



2475FD



005FFF



3D24FD



737880



0047BF



001840



# Previews

## White Background



This preview shows how the Hex color FDAC24 looks on a white background.

## Color Contrast Check

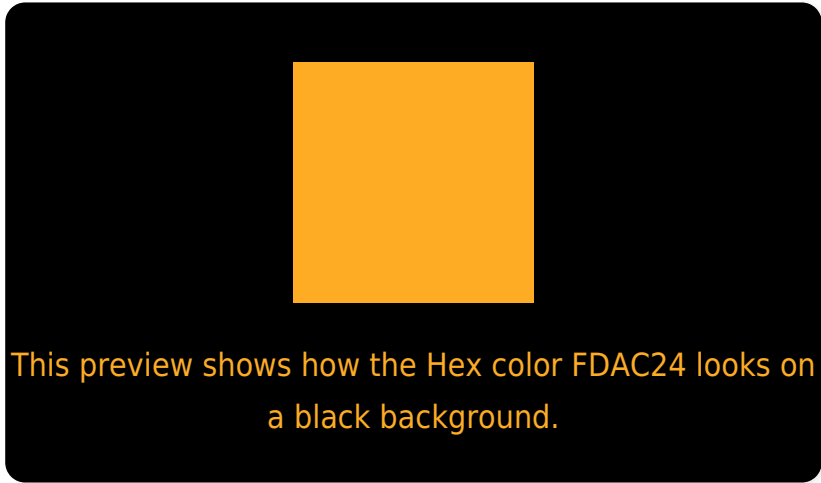
Large Text (above 18pt) WCAG AA × Fail

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 FDAC24 Background



This preview shows how black text looks on a background with the Hex color FDAC24.

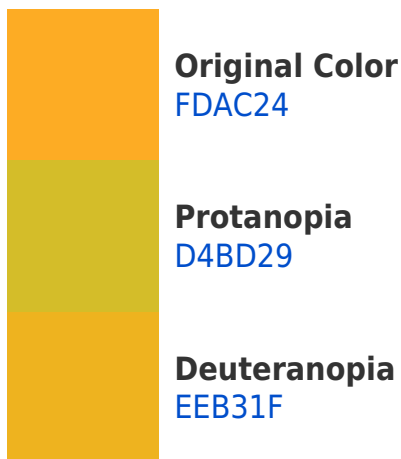


This preview shows how white text looks on a background with the Hex color FDAC24.

# 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](#).

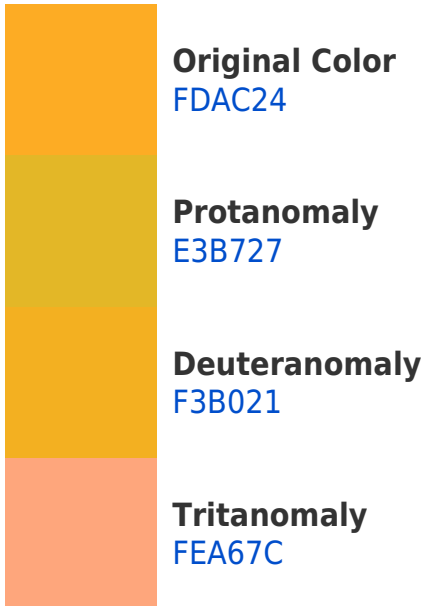
## Dichromacy



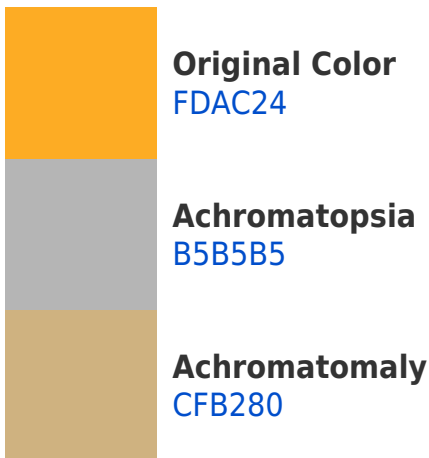


**Tritanopia**  
FFA3AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDAC24 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 #FDAC24 looks like.

```
.text, #text, p{  
    color:#FDAC24  
}
```

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 #FDAC24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDAC24
}
```

## Border

The CSS property to change the border of an element to Hex FDAC24 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
#FDAC24 }
```

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

```
.border{ border-color:#FDAC24 }
```

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

Here you see how a box with a 4 pixel #FDAC24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDAC24; -webkit-box-shadow:4px 4px  
4px 4px #FDAC24; box-shadow:4px 4px 4px  
4px #FDAC24 }
```

# Background

The CSS property to change the background color of an element to Hex FDAC24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDAC24 }
```

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

```
.background{ background-color:#FDAC24 }
```

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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