

# Converting Colors

Hex(FACA57)

Have a look what the booklet for  
Hex(FACA57) contains.

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# **Color**

**Hex(FACA57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FACA57
RGB	250, 202, 87
RGB Percent	98%, 79%, 34%
CMY	0.0196, 0.2078, 0.6588
CMYK	0.00, 0.19, 0.65, 0.02
HSL	42°, 94%, 66%
HSV	42°, 65%, 98%
XYZ	62.2652, 63.2532, 17.9442
YIQ	203.2420, 65.5230, -25.5890

# Conversions

## Conversions Part 2

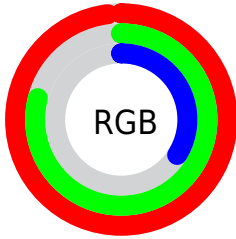
Format	Color
<a href="#">RYB</a>	<a href="#">155, 250, 87</a>
Decimal	<a href="#">16435799</a>
CIELab	<a href="#">83.58, 5.04, 62.03</a>
CIELCh	<a href="#">84, 62.234, 85.350</a>
Yxy	<a href="#">63.2532, 0.4340, 0.4409</a>
Android (android.graphics.Color)	<a href="#">4294625879</a> ( <a href="#">0xFFFA57</a> )
YUV	<a href="#">203.2420, -57.3073, 41.0068</a>
Hunter-Lab	<a href="#">79.5319, 0.5662, 42.2951</a>

# Details

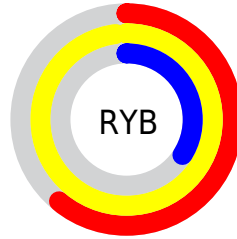
The Hex color **FACA57** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5787FA**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF8D**, and **BE941E** is the 20% darker color. If you saturate the color by 10%, you get **FAC33E**, and if you desaturate by 10%, it is **FAD170**.

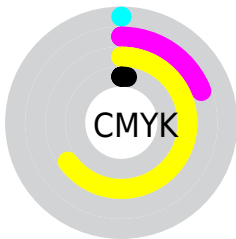
# Distribution



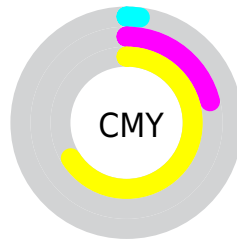
- Red (98%)
- Green (79%)
- Blue (34%)



- Red (61%)
- Yellow (98%)
- Blue (34%)



- Cyan (0%)
- Magenta (19%)
- Yellow (65%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FACA57 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 FACA57 by changing the saturation by 10% instead.



 FACA57

 FACA57

FFFFFF

 DCAF3C

 FFFF8D

 BE941E

 FFFFA9

 A07B00

 FFFFC5

 846200

 FFFF E2

 684A00

 4C3400

 321F00

 1A0900

 000000

 FACA57

 FACA57

 FAC33E

 FAD170

 FABB25

 FAD989

 FAB40C

 FAE0A2

 FAB000

 FAE7BB

 FAEFD4

 FAF6ED

 FAFEFF

 FAFFFF

# Harmonies

## Analogous

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



FFB471



FACA57



C1DC61

# Triad

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



FACA57



00EDFF



FFADFF

# Complementary

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



FACA57



5787FA

# 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.



C5C5FF



FACA57



00E7FF

# Square

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



FACA57



00EDC5



3AD9FF



FF9FDC

# Rectangle

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



FACA57



93E47B



3AD9FF



FBB5FF

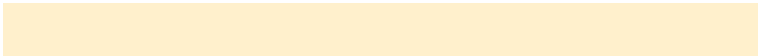


# Sweetspot

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



FACA57



FFF0CC



FA5788



807661



000000



808080



# Same Dimension

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



FACA57



FFC438



D9FA57



7D7970



BD8500



3D2B00



# Inverse Universe

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



5787FA



3873FF



7857FA



70747D



0038BD



00123D



# Previews

## White Background



This preview shows how the Hex color FACA57 looks on a white background.

## Color Contrast Check

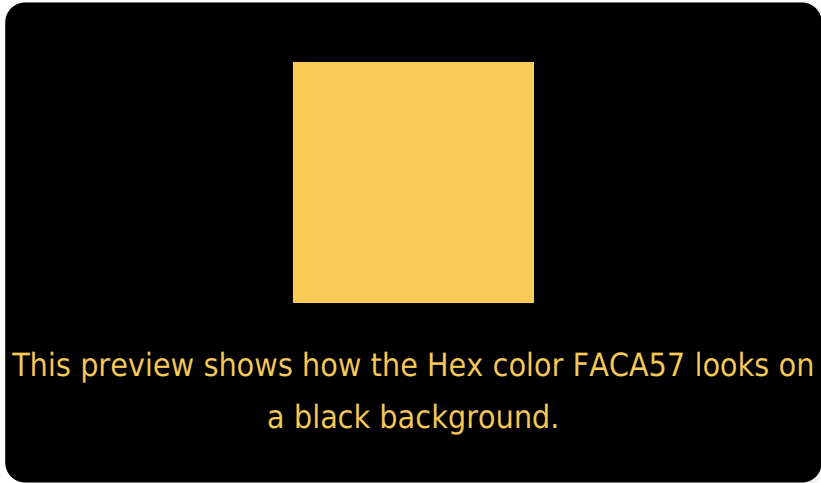
Large Text (above 18pt) WCAG AA × Fail

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 FACA57 Background



This preview shows how black text looks on a background with the Hex color FACA57.



This preview shows how white text looks on a background with the Hex color FACA57.

# 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



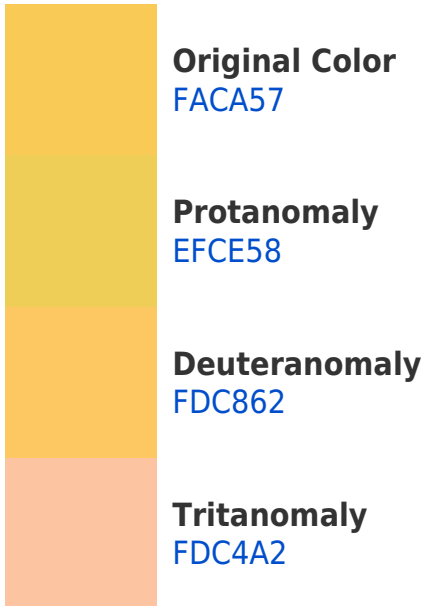
**Original Color**  
FACA57

**Protanopia**  
E8D159

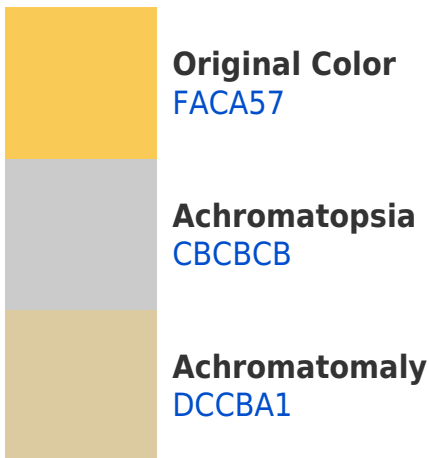
**Deuteranopia**  
FFC769



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FACA57 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 #FACA57 looks like.

```
.text, #text, p{  
    color:#FACA57  
}
```

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 #FACA57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FACA57
}
```

## Border

The CSS property to change the border of an element to Hex FACA57 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
#FACA57 }
```

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

```
.border{ border-color:#FACA57 }
```

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

Here you see how a box with a 4 pixel #FACA57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FACA57; -webkit-box-shadow:4px 4px  
4px 4px #FACA57; box-shadow:4px 4px 4px  
4px #FACA57 }
```

# Background

The CSS property to change the background color of an element to Hex FACA57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FACA57 }
```

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

```
.background{ background-color:#FACA57 }
```

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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