

# Converting Colors

Hex(FABE57)

Have a look what the booklet for  
Hex(FABE57) contains.

<b>Hex(FABE57)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FABE57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FABE57
RGB	250, 190, 87
RGB Percent	98%, 75%, 34%
CMY	0.0196, 0.2549, 0.6588
CMYK	0.00, 0.24, 0.65, 0.02
HSL	38°, 94%, 66%
HSV	38°, 65%, 98%
XYZ	59.5581, 57.8390, 17.0418
YIQ	196.1980, 68.8230, -19.3130

# Conversions

## Conversions Part 2

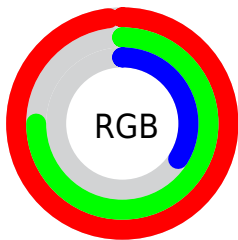
Format	Color
<a href="#">RYB</a>	<a href="#">182, 250, 87</a>
Decimal	<a href="#">16432727</a>
<a href="#">CIELab</a>	<a href="#">80.65, 11.27, 58.85</a>
<a href="#">CIElCh</a>	<a href="#">81, 59.923, 79.159</a>
<a href="#">Yxy</a>	<a href="#">57.8390, 0.4430, 0.4302</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294622807 (0xFFFFABE57)</a>
<a href="#">YUV</a>	<a href="#">196.1980, -53.8346, 47.1844</a>
<a href="#">Hunter-Lab</a>	<a href="#">76.0520, 6.6966, 39.9506</a>

# Details

The Hex color **FABE57** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5793FA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF68D**, and **BE8920** is the 20% darker color. If you saturate the color by 10%, you get **FAB53E**, and if you desaturate by 10%, it is **FAC770**.

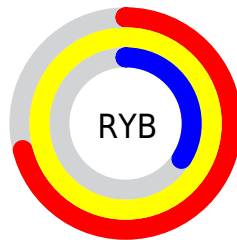
# Distribution



Red (98%)

Green (75%)

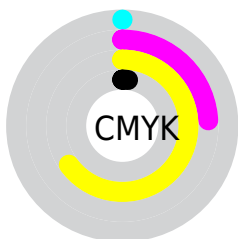
Blue (34%)



Red (71%)

Yellow (98%)

Blue (34%)

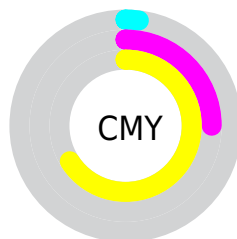


Cyan (0%)

Magenta (24%)

Yellow (65%)

Black (2%)



Cyan (2%)

Magenta (25%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FABE57 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 FABE57 by changing the saturation by 10% instead.



 FABE57

 FABE57

FFFFFF

 DCA33C

 FFF68D

 BE8920

 FFFFA8

 A07000

 FFFFC4

 835700

 FFFFE1

 674000

FFFFFFE

 4B2A00

 311600

 1A0000

 000000

 FABE57

 FABE57

 FAB53E

 FAC770

 FAAC25

 FAD089

 FAA20C

 FADAA2

 FA9E00

 FAE3BB

 FAECD4

 FAF5ED

 FAFEFF

 FAFFFF

# Harmonies

## Analogous

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



FFA975



FABE57



C5D059

# Triad

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



FABE57



00E4EB



F9ABFF

# Complementary

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



FABE57



5793FA

# 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.



AAC1FF



FABE57



00E0FF

# Square

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



FABE57



00E3B1



00D4FF



FF9ADF

# Rectangle

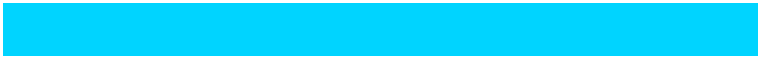
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FABE57



9CD96E



00D4FF



E3B3FF

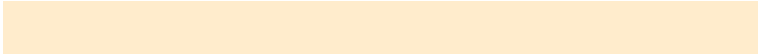


# Sweetspot

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



FABE57



FFECCC



FA5795



807461



000000



808080



# Same Dimension

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



FABE57



FFB638



E7FA57



7D7870



BD7700



3D2700



# Inverse Universe

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



5793FA



3881FF



6A57FA



70757D



0045BD



00173D



# Previews

## White Background



This preview shows how the Hex color FABE57 looks on a white background.

## Color Contrast Check

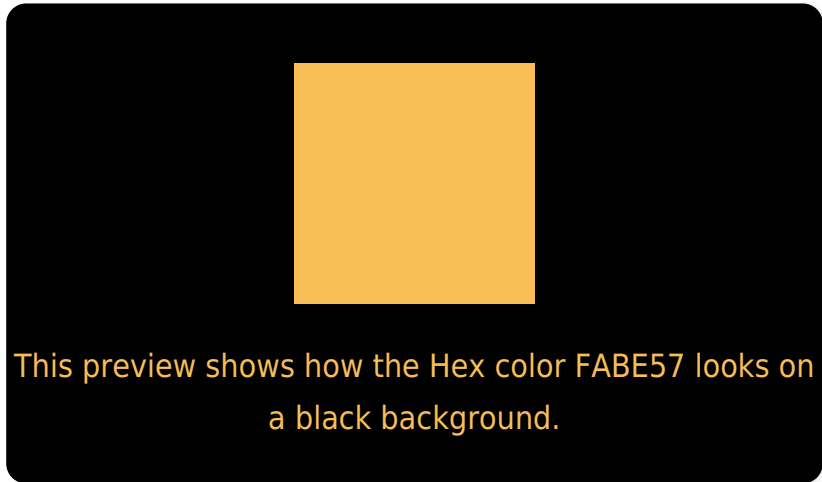
Large Text (above 18pt) WCAG AA × Fail

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 FABE57 Background



This preview shows how black text looks on a background with the Hex color FABE57.

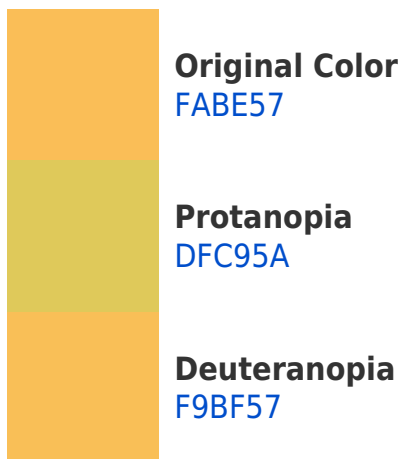


This preview shows how white text looks on a background with the Hex color FABE57.

# 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](#).

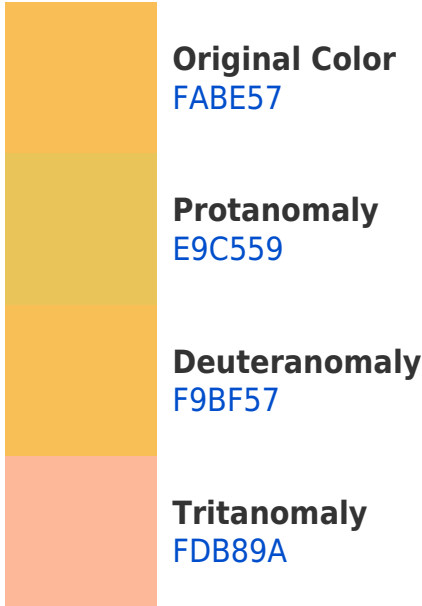
## Dichromacy





**Tritanopia**  
FFB4C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FABE57 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 #FABE57 looks like.

```
.text, #text, p{  
    color:#FABE57  
}
```

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 #FABE57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FABE57
}
```

## Border

The CSS property to change the border of an element to Hex FABE57 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
#FABE57 }
```

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

```
.border{ border-color:#FABE57 }
```

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

Here you see how a box with a 4 pixel #FABE57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FABE57; -webkit-box-shadow:4px 4px  
4px 4px #FABE57; box-shadow:4px 4px 4px  
4px #FABE57 }
```

# Background

The CSS property to change the background color of an element to Hex FABE57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FABE57 }
```

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

```
.background{ background-color:#FABE57 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor