

# Converting Colors

Hex(FCEA68)

Have a look what the booklet for  
Hex(FCEA68) contains.

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**Color**

**Hex(FCEA68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCEA68
RGB	252, 234, 104
RGB Percent	99%, 92%, 41%
CMY	0.0118, 0.0824, 0.5922
CMYK	0.00, 0.07, 0.59, 0.01
HSL	53°, 96%, 70%
HSV	53°, 59%, 99%
XYZ	72.0664, 80.5406, 24.8443
YIQ	224.5620, 52.4580, -36.6140

# Conversions

## Conversions Part 2

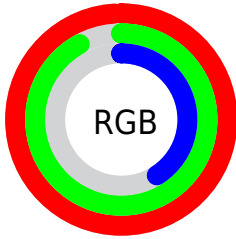
Format	Color
<a href="#">RYB</a>	<a href="#">124, 252, 104</a>
Decimal	<a href="#">16575080</a>
CIELab	<a href="#">91.93, -9.27, 63.87</a>
CIELCh	<a href="#">92, 64.536, 98.257</a>
Yxy	<a href="#">80.5406, 0.4061, 0.4539</a>
Android (android.graphics.Color)	<a href="#">4294765160</a> (0xFFFC6A68)
YUV	<a href="#">224.5620, -59.4371, 24.0631</a>
Hunter-Lab	<a href="#">89.7444, -13.7139, 46.4076</a>

# Details

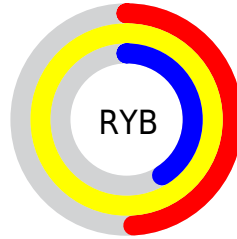
The Hex color **FCEA68** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **687AFC**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFF9F**, and **C0B330** is the 20% darker color. If you saturate the color by 10%, you get **FCE74F**, and if you desaturate by 10%, it is **FCED81**.

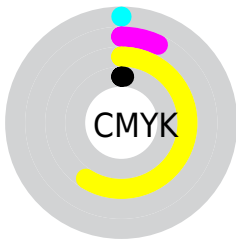
# Distribution



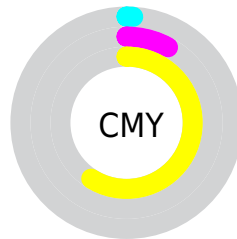
- Red (99%)
- Green (92%)
- Blue (41%)



- Red (49%)
- Yellow (99%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCEA68 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 FCEA68 by changing the saturation by 10% instead.



 FCEA68

 FCEA68

FFFFFF

 DECE4D

 FFFF9F

 C0B330

 FFFFBB

 A4980B

 FFFF D8

 877E00

 FFFF F5

 6B6500

 504E00

 363700

 1D2200

 000D00

 FCEA68

 FCEA68

 FCE74F

 FCED81

 FCE436

 FCF09A

 FCE11C

 FCF3B4

 FCDE03

 FCF6CD

 FCDD00

 FCF9E6

 FCFCFF

 FCFFFF

# Harmonies

## Analogous

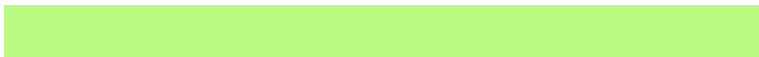
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD474



FCEA68



BAFA83

# Triad

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



FCEA68



00FFFF



FFBBFF

# Complementary

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



FCEA68



687AFC

# 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.



FFD1FF



FCEA68



00FBFF

# Square

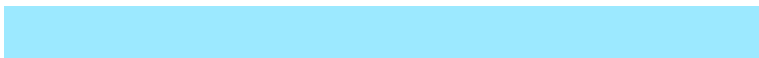
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FCEA68



00FFF8



9CE9FF



FFB3D9

# Rectangle

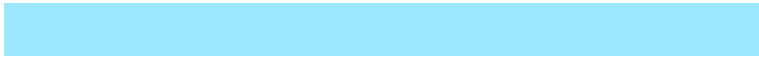
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCEA68



83FFA4



9CE9FF



FFC1FF



# Sweetspot

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



FCEA68



FFF9D1



FC687C



807C63



000000



808080



# Same Dimension

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



FCEA68



FFE94D



C6FC68



7D7B70



BDA600



3D3600



# Inverse Universe

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



687AFC



4D62FF



9E68FC



70727D



0017BD



00073D



# Previews

## White Background



This preview shows how the Hex color FCEA68 looks on a white background.

## Color Contrast Check

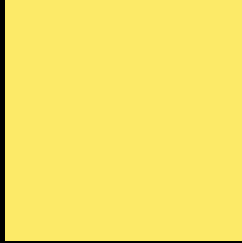
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FCEA68 looks on a 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 FCEA68 Background



This preview shows how black text looks on a background with the Hex color FCEA68.

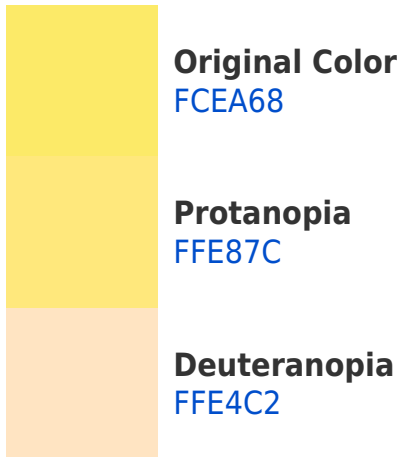


This preview shows how white text looks on a background with the Hex color FCEA68.

# 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](#).

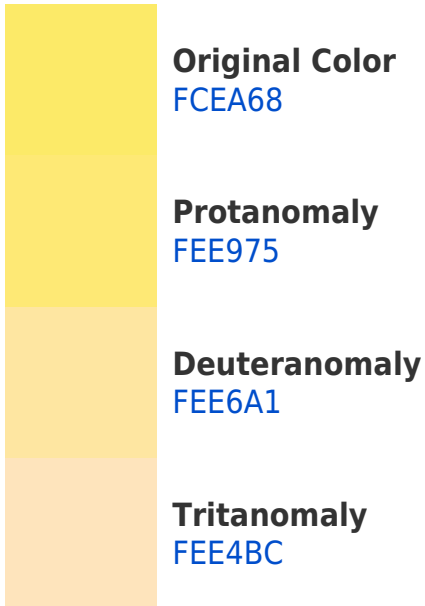
## Dichromacy



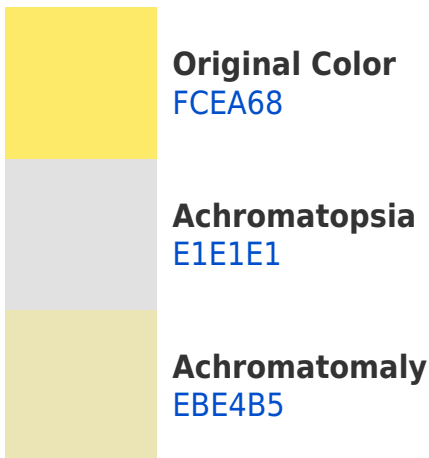


**Tritanopia**  
FFE0EC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCEA68 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 #FCEA68 looks like.

```
.text, #text, p{  
    color:#FCEA68  
}
```

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 #FCEA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCEA68
}
```

## Border

The CSS property to change the border of an element to Hex FCEA68 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
#FCEA68 }
```

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

```
.border{ border-color:#FCEA68 }
```

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

Here you see how a box with a 4 pixel #FCEA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCEA68; -webkit-box-shadow:4px 4px  
4px 4px #FCEA68; box-shadow:4px 4px 4px  
4px #FCEA68 }
```

# Background

The CSS property to change the background color of an element to Hex FCEA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCEA68 }
```

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

```
.background{ background-color:#FCEA68 }
```

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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