

Converting Colors

Hex(FFEC68)

Have a look what the booklet for
Hex(FFEC68) contains.

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Color

Hex(F FEC 68)

Conversions

Conversions Part 1

Format	Color
Hex	FFEC68
RGB	255, 236, 104
RGB Percent	100%, 93%, 41%
CMY	0.0000, 0.0745, 0.5922
CMYK	0.00, 0.07, 0.59, 0.00
HSL	52°, 100%, 70%
HSV	52°, 59%, 100%
XYZ	73.7341, 82.2504, 25.0864
YIQ	226.6330, 53.6960, -37.0240

Conversions

Conversions Part 2

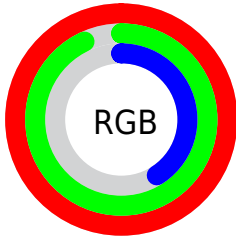
Format	Color
RYB	126, 255, 104
Decimal	16772200
CIELab	92.69, -9.05, 64.78
CIElCh	93, 65.408, 97.951
Yxy	82.2504, 0.4072, 0.4542
Android (android.graphics.Color)	4294962280 (0xFFFFEC68)
YUV	226.6330, -60.4581, 24.8779
Hunter-Lab	90.6920, -13.5874, 47.0841

Details

The Hex color **FFEC68** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **687BFF**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFF9F**, and **C3B430** is the 20% darker color. If you saturate the color by 10%, you get **FFE94F**, and if you desaturate by 10%, it is **FFE882**.

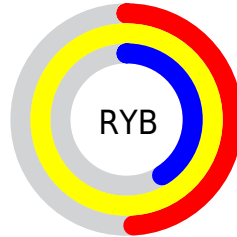
Distribution



Red (100%)

Green (93%)

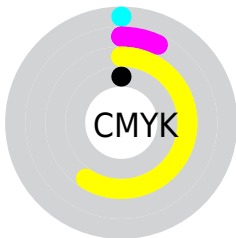
Blue (41%)



Red (49%)

Yellow (100%)

Blue (41%)

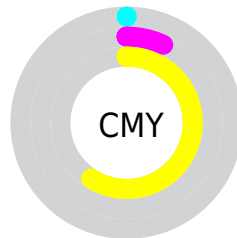


Cyan (0%)

Magenta (7%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFEC68 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 FFEC68 by changing the saturation by 10% instead.

 FFEC68

 FFEC68

FFFFFF

 E1D04D

 FFFF9F

 C3B430

 FFFFBC

 A69A09

 FFFFD8

 8A8000

 FFFFF6

 6E6700

 534F00

 383900

 1F2400

 001000

 FFEC68

 FFEC68

 FFE94F

 FFEF82

 FFE635

 FFF29B

 FFE21B

 FFF6B4

 FFDF02

 FFF9CE

 FFDF00

 FFFCE8

FFFFFF

Harmonies

Analogous

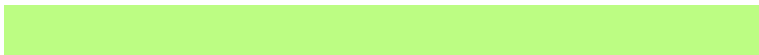
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD674



FFEC68



BCFD83

Triad

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



FFEC68



00FFFF



FFBCFF

Complementary

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



FFEC68



687BFF

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.



FFD3FF



FFEC68



00DFFF

Square

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



FFEC68



00FFF9



9CEBFF



FFB4DC

Rectangle

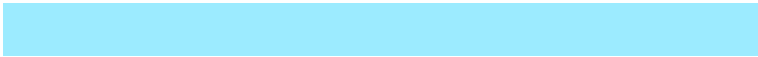
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFEC68



84FFA5



9CEBFF



FFC3FF

Sweetspot

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



FFEC68



FFF9D1



FF687C



807C63



000000



808080

Same Dimension

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



FFEC68



FFE84A



C8FF68



807E73



BFA700



403800

Inverse Universe

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



687BFF



4A61FF



9F68FF



737480



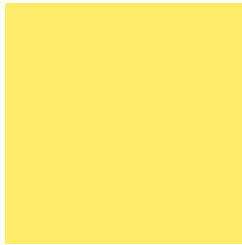
0018BF



000840

Previews

White Background



This preview shows how the Hex color FFEC68 looks on a white background.

Color Contrast Check

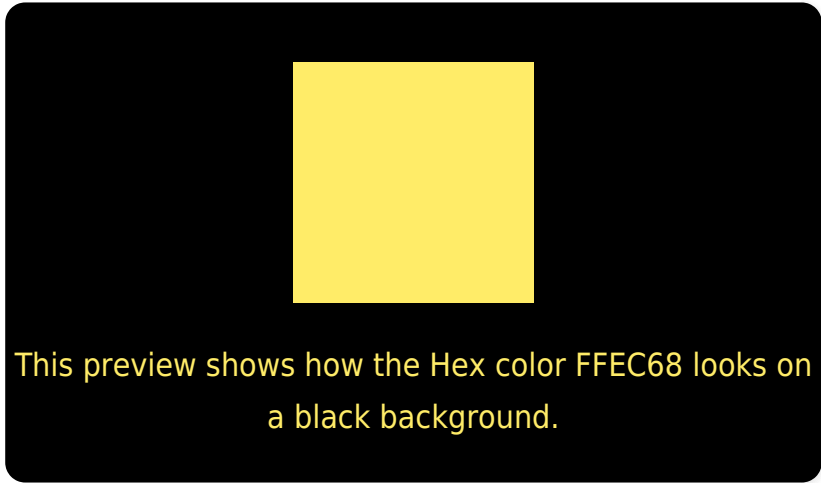
Large Text (above 18pt) WCAG AA × Fail

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 FFEC68 Background



This preview shows how black text looks on a background with the Hex color FFEC68.

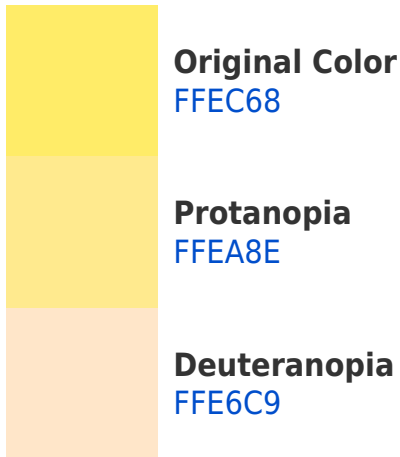


This preview shows how white text looks on a background with the Hex color FFEC68.

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](#).

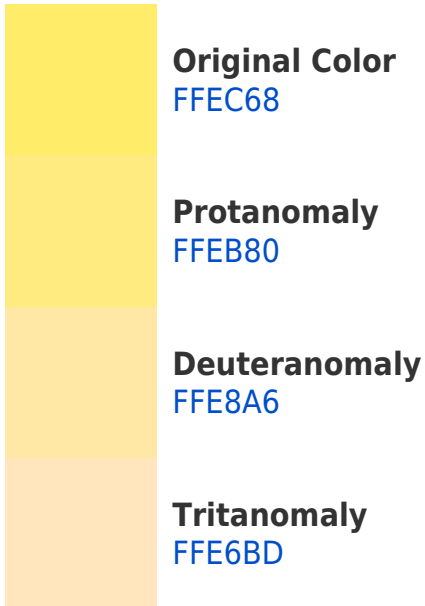
Dichromacy



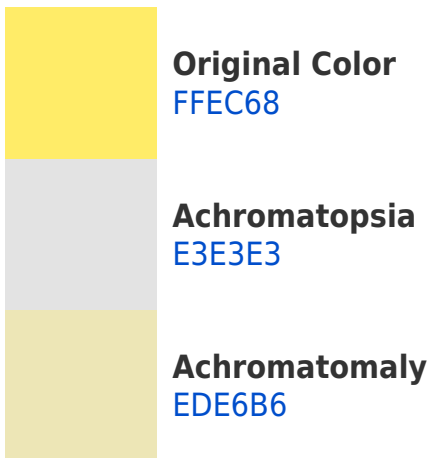


Tritanopia
FFE3ED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFEC68 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 #FFEC68 looks like.

```
.text, #text, p{  
    color:#FFEC68  
}
```

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 #FFEC68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEC68
}
```

Border

The CSS property to change the border of an element to Hex FFEC68 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
#FFEC68 }
```

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

```
.border{ border-color:#FFEC68 }
```

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

Here you see how a box with a 4 pixel #FFEC68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEC68; -webkit-box-shadow:4px 4px  
4px 4px #FFEC68; box-shadow:4px 4px 4px  
4px #FFEC68 }
```

Background

The CSS property to change the background color of an element to Hex FFEC68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEC68 }
```

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

```
.background{ background-color:#FFEC68 }
```

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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