

Converting Colors

Hex(CFEF43)

Have a look what the booklet for
Hex(CFEF43) contains.

Hex(CFEF43)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CFEF43)

Conversions

Conversions Part 1

Format	Color
Hex	CFEF43
RGB	207, 239, 67
RGB Percent	81%, 94%, 26%
CMY	0.1882, 0.0627, 0.7373
CMYK	0.13, 0.00, 0.72, 0.06
HSL	71°, 84%, 60%
HSV	71°, 72%, 94%
XYZ	57.6117, 75.4036, 16.8281
YIQ	209.8240, 36.1400, -60.2760

Conversions

Conversions Part 2

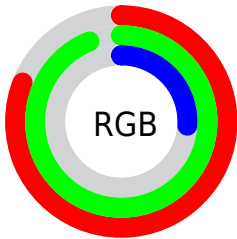
Format	Color
RYB	67, 239, 99
Decimal	13627203
CIELab	89.58, -31.94, 74.71
CIElCh	90, 81.250, 113.151
Yxy	75.4036, 0.3845, 0.5032
Android (android.graphics.Color)	4291817283 (0xFFCFEF43)
YUV	209.8240, -70.4122, -2.4766
Hunter-Lab	86.8353, -33.5341, 49.2947

Details

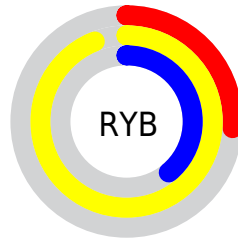
The Hex color **CFEF43** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **6343EF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF7E**, and **95B700** is the 20% darker color. If you saturate the color by 10%, you get **CBEF2B**, and if you desaturate by 10%, it is **D3EF5B**.

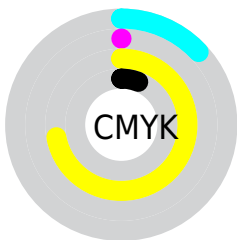
Distribution



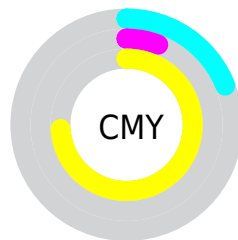
- Red (81%)
- Green (94%)
- Blue (26%)



- Red (26%)
- Yellow (94%)
- Blue (39%)



- Cyan (13%)
- Magenta (0%)
- Yellow (72%)
- Black (6%)



- Cyan (19%)
- Magenta (6%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFEF43 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 CFEF43 by changing the saturation by 10% instead.

 CFEF43

 CFEF43

FFFFFF

 B2D320

 FFFF7E

 95B700

 FFFF9A

 789C00

 FFFFB7

 5C8200

 FFFFD4

 406900

 FFFFF2

 235000

 003900

 002400

 000000

 CFEF43

 CFEF43

 CBEF2B

 D3EF5B

 C6EF13

 D8EF73

 C3EF00

 DCEF8B

 E1EFA3

 E5EFBA

 EAEFD2

 EEEFEA

 F3EFFF

 F7EFFF

Harmonies

Analogous

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



FFD737



CFEF43



69FE7F

Triad

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



CFEF43



00FFFF



FF9AF6

Complementary

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



CFEF43



6343EF

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.



FFB2FF



CFEF43



00EFFF

Square

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



CFEF43



00FFFF



C2D4FF



FF9DA9

Rectangle

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



CFEF43



00FFB1



C2D4FF



FF9FFF

Sweetspot

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



CFEF43



F5FFC7



EF6343



79805E



000000



808080

Same Dimension

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



CFEF43



D6FF24



79EF43



76786C



95B800



2E3800

Inverse Universe

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



6343EF



4D24FF



B943EF



6E6C78



2200B8



0A0038

Previews

White Background



This preview shows how the Hex color CFEF43 looks on a white background.

Color Contrast Check

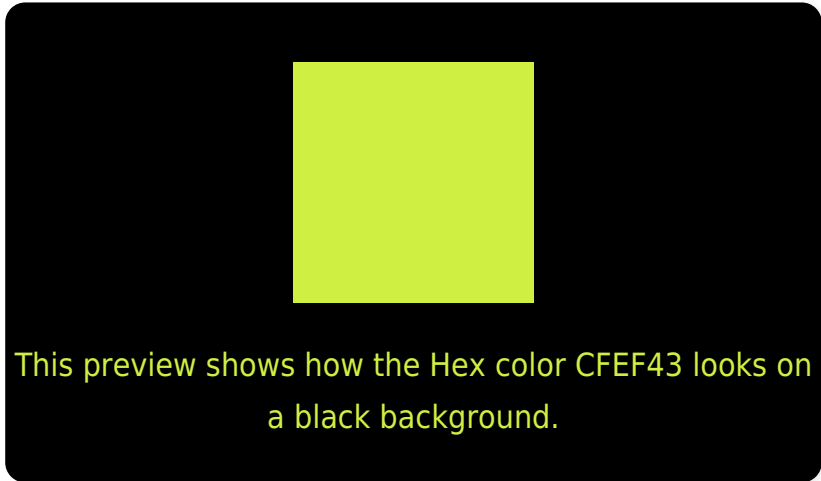
Large Text (above 18pt) WCAG AA × Fail

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 CFEF43 Background



This preview shows how black text looks on a background with the Hex color CFEF43.

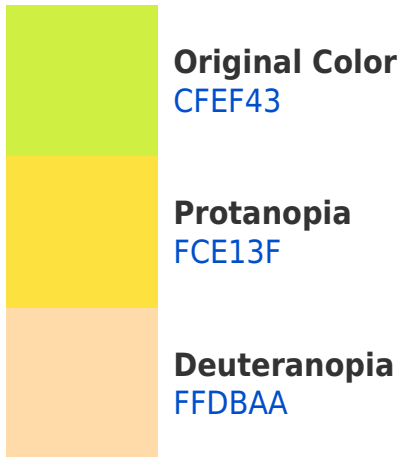


This preview shows how white text looks on a background with the Hex color CFEF43.

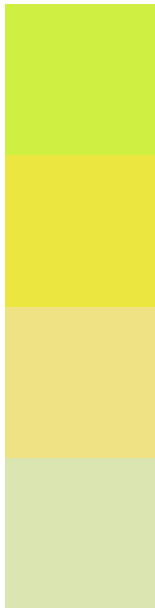
Color Blindness Simulation

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



Trichromacy



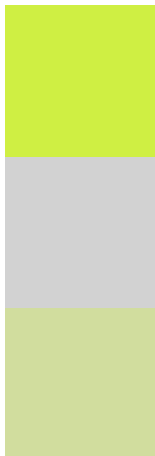
Original Color
CFEF43

Protanomaly
ECE640

Deuteranomaly
EEE285

Tritanomaly
DAE5B2

Monochromacy



Original Color
CFEF43

Achromatopsia
D2D2D2

Achromatomaly
D1DD9E

CSS Examples

Text

The CSS property to change the color of the text to Hex CFEF43 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 #CFEF43 looks like.

```
.text, #text, p{  
    color:#CFEF43  
}
```

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 #CFEF43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFEF43
}
```

Border

The CSS property to change the border of an element to Hex CFEF43 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
#CFEF43 }
```

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

```
.border{ border-color:#CFEF43 }
```

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

Here you see how a box with a 4 pixel #CFEF43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFEF43; -webkit-box-shadow:4px 4px  
4px 4px #CFEF43; box-shadow:4px 4px 4px  
4px #CFEF43 }
```

Background

The CSS property to change the background color of an element to Hex CFEF43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFEF43 }
```

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

```
.background{ background-color:#CFEF43 }
```

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