

Converting Colors

Hex(F3CB46)

Have a look what the booklet for
Hex(F3CB46) contains.

Hex(F3CB46)	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(F3CB46)

Conversions

Conversions Part 1

Format	Color
Hex	F3CB46
RGB	243, 203, 70
RGB Percent	95%, 80%, 27%
CMY	0.0471, 0.2039, 0.7255
CMYK	0.00, 0.16, 0.71, 0.05
HSL	46°, 88%, 61%
HSV	46°, 71%, 95%
XYZ	59.4236, 62.2088, 14.6699
YIQ	199.7980, 66.5330, -32.8830

Conversions

Conversions Part 2

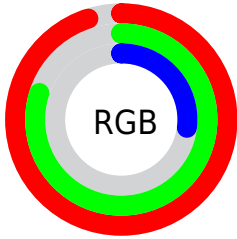
Format	Color
RYB	122, 243, 70
Decimal	15977286
CIELab	83.02, 0.71, 68.20
CIELCh	83, 68.205, 89.403
Yxy	62.2088, 0.4360, 0.4564
Android (android.graphics.Color)	4294167366 (0xFFFF3CB46)
YUV	199.7980, -63.9904, 37.8882
Hunter-Lab	78.8725, -3.5427, 44.1831

Details

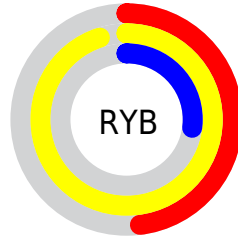
The Hex color **F3CB46** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **466EF3**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF7E**, and **B79500** is the 20% darker color. If you saturate the color by 10%, you get **F3C52E**, and if you desaturate by 10%, it is **F3D15E**.

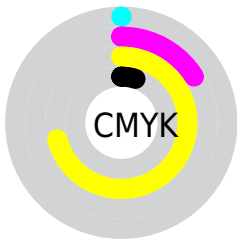
Distribution



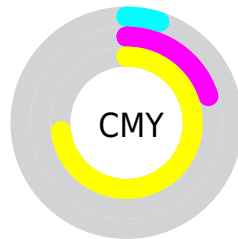
- Red (95%)
- Green (80%)
- Blue (27%)



- Red (48%)
- Yellow (95%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (71%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3CB46 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 F3CB46 by changing the saturation by 10% instead.

 F3CB46

 F3CB46

FFFFFF

 D5B028

 FFFF7E

 B79500

 FFFF99

 997C00

 FFFFB6

 7D6300


 FFFF D2

 614C00

 FFFFF0

 453500

 2C2000

 110A00

 000000

 F3CB46

 F3CB46

 F3C52E

 F3D15E

 F3C015

 F3D677

 F3BB00

 F3DC8F

 F3E1A7

 F3E7BF

 F3EDD8

 F3F2F0

 F3F8FF

 F3FEFF

Harmonies

Analogous

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



FFB360



F3CB46



B3DD58

Triad

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



F3CB46



00EDFF



FFA4FF

Complementary

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



F3CB46



466EF3

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.



CEBEFF



F3CB46



00E6FF

Square

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



F3CB46



00EECB



2BD6FF



FF95D3

Rectangle

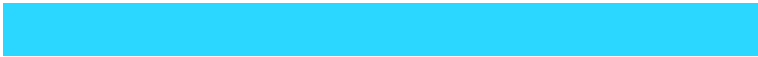
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3CB46



7DE677



2BD6FF



FFADFF

Sweetspot

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



F3CB46



FFF3C9



F3466E



807860



000000



808080

Same Dimension

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



F3CB46



FFCD26



C5F346



7A786E



BA8F00



3B2D00

Inverse Universe

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



466EF3



2658FF



7446F3



6E717A



002BBA



000E3B

Previews

White Background



This preview shows how the Hex color F3CB46 looks on a white background.

Color Contrast Check

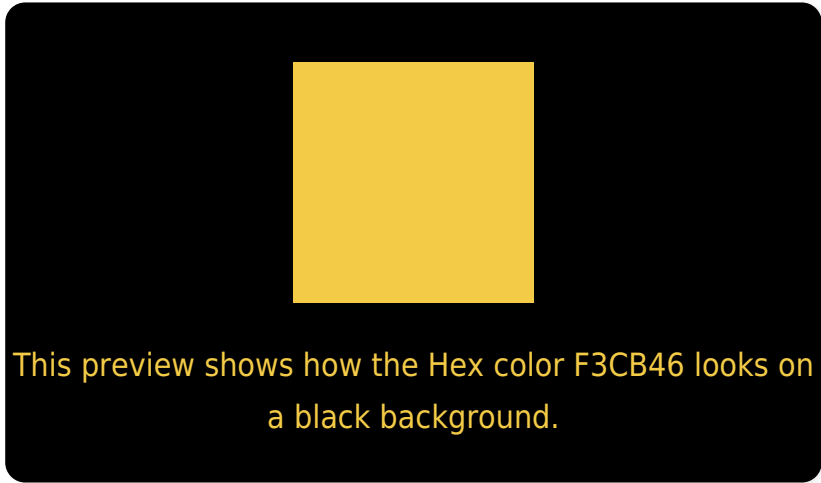
Large Text (above 18pt) WCAG AA × Fail

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 F3CB46 Background



This preview shows how black text looks on a background with the Hex color F3CB46.

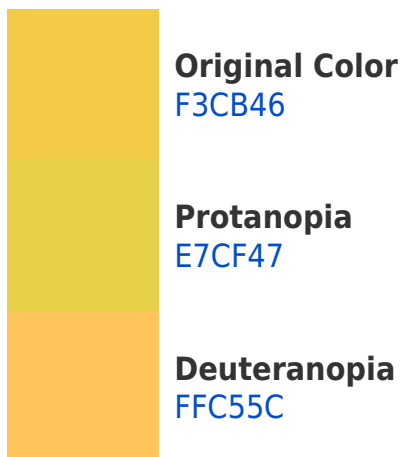


This preview shows how white text looks on a background with the Hex color F3CB46.

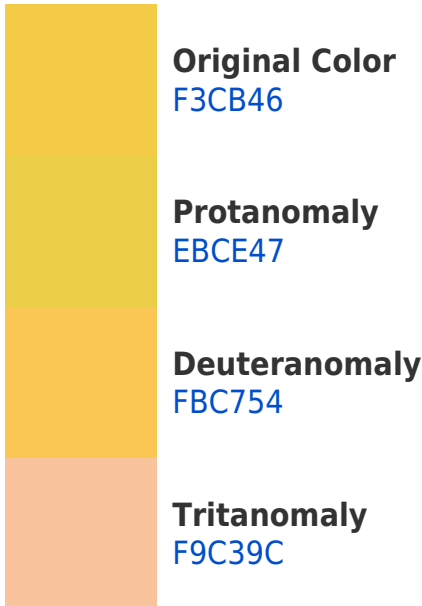
Color Blindness Simulation

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](#).

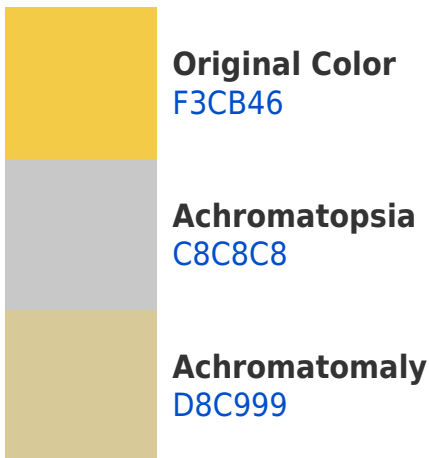
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F3CB46 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 #F3CB46 looks like.

```
.text, #text, p{  
    color:#F3CB46  
}
```

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 #F3CB46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3CB46
}
```

Border

The CSS property to change the border of an element to Hex F3CB46 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
#F3CB46 }
```

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

```
.border{ border-color:#F3CB46 }
```

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

Here you see how a box with a 4 pixel #F3CB46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3CB46; -webkit-box-shadow:4px 4px  
4px 4px #F3CB46; box-shadow:4px 4px 4px  
4px #F3CB46 }
```

Background

The CSS property to change the background color of an element to Hex F3CB46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3CB46 }
```

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

```
.background{ background-color:#F3CB46 }
```

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