

Converting Colors

Hex(F5CA50)

Have a look what the booklet for
Hex(F5CA50) contains.

Hex(F5CA50)	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(F5CA50)

Conversions

Conversions Part 1

Format	Color
Hex	F5CA50
RGB	245, 202, 80
RGB Percent	96%, 79%, 31%
CMY	0.0392, 0.2078, 0.6863
CMYK	0.00, 0.18, 0.67, 0.04
HSL	44°, 89%, 64%
HSV	44°, 67%, 96%
XYZ	60.2247, 62.2327, 16.4274
YIQ	200.9490, 64.7900, -28.8260

Conversions

Conversions Part 2

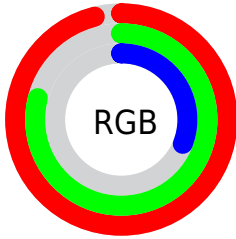
Format	Color
RYB	138, 245, 80
Decimal	16108112
CIELab	83.04, 2.57, 64.28
CIELCh	83, 64.334, 87.711
Yxy	62.2327, 0.4336, 0.4481
Android (android.graphics.Color)	4294298192 (0xFFFF5CA50)
YUV	200.9490, -59.6279, 38.6327
Hunter-Lab	78.8877, -1.7825, 42.8750

Details

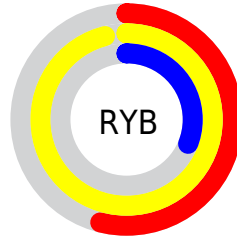
The Hex color **F5CA50** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **507BF5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF87**, and **B99412** is the 20% darker color. If you saturate the color by 10%, you get **F5C438**, and if you desaturate by 10%, it is **F5D069**.

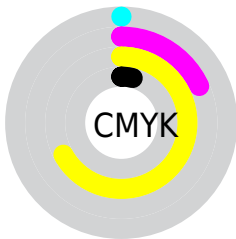
Distribution



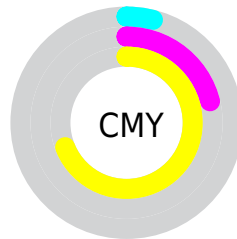
- Red (96%)
- Green (79%)
- Blue (31%)



- Red (54%)
- Yellow (96%)
- Blue (31%)



- Cyan (0%)
- Magenta (18%)
- Yellow (67%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5CA50 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 F5CA50 by changing the saturation by 10% instead.

 F5CA50

 F5CA50

FFFFFF

 D7AF34

 FFFF87

 B99412

 FFFFA2

 9C7B00

 FFFFBE

 7F6200

 FFFFDB

 634B00

 FFFFF9

 483400

 2E1F00

 140900

 000000

 F5CA50

 F5CA50

 F5C438

 F5D069

 F5BD1F

 F5D781

 F5B707

 F5DD9A

 F5B500

 F5E4B2

 F5EACB

 F5F0E3

 F5F7FC

 F5FDFF

 F5FFFF

Harmonies

Analogous

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



FFB369



F5CA50



B9DC5E

Triad

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



F5CA50



00ECFF



FFA9FF

Complementary

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



F5CA50



507BF5

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.



CAC1FF



F5CA50



00E5FF

Square

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



F5CA50



00EDC8



3CD7FF



FF9AD6

Rectangle

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



F5CA50



88E47A



3CD7FF



FFB0FF

Sweetspot

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



F5CA50



FFF2CC



F5507C



807861



000000



808080

Same Dimension

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



F5CA50



FFC930



CFF550



7A776E



BA8A00



3B2B00

Inverse Universe

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



507BF5



3066FF



7750F5



6E717A



0031BA



000F3B

Previews

White Background



This preview shows how the Hex color F5CA50 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 F5CA50 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 F5CA50 Background



This preview shows how black text looks on a background with the Hex color F5CA50.

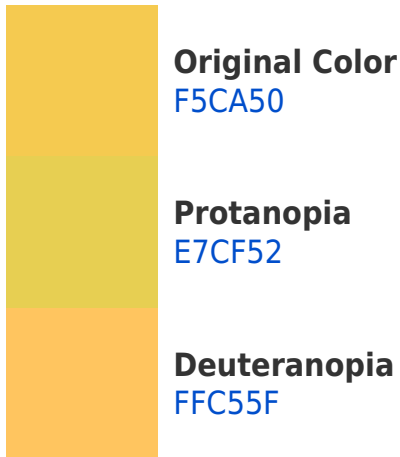


This preview shows how white text looks on a background with the Hex color F5CA50.

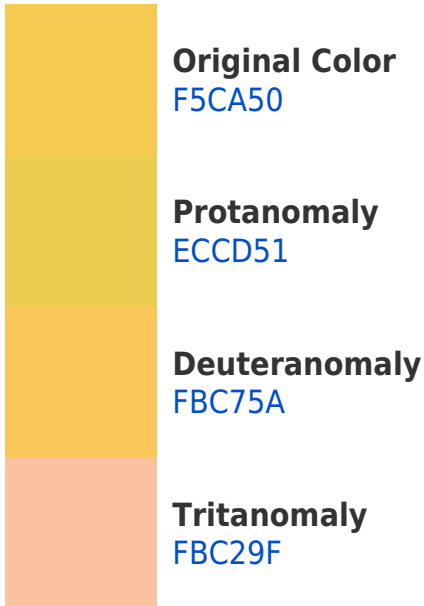
Color Blindness Simulation

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](#).

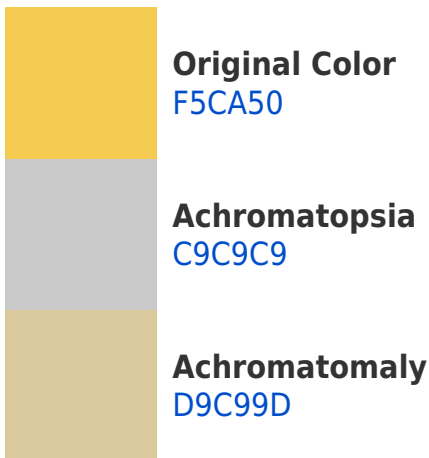
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F5CA50 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 #F5CA50 looks like.

```
.text, #text, p{  
    color:#F5CA50  
}
```

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 #F5CA50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5CA50
}
```

Border

The CSS property to change the border of an element to Hex F5CA50 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
#F5CA50 }
```

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

```
.border{ border-color:#F5CA50 }
```

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

Here you see how a box with a 4 pixel #F5CA50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5CA50; -webkit-box-shadow:4px 4px  
4px 4px #F5CA50; box-shadow:4px 4px 4px  
4px #F5CA50 }
```

Background

The CSS property to change the background color of an element to Hex F5CA50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5CA50 }
```

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

```
.background{ background-color:#F5CA50 }
```

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