

# Converting Colors

Hex(F5E083)

Have a look what the booklet for  
Hex(F5E083) contains.

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**Color**

**Hex(F5E083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5E083
RGB	245, 224, 131
RGB Percent	96%, 88%, 51%
CMY	0.0392, 0.1216, 0.4863
CMYK	0.00, 0.09, 0.47, 0.04
HSL	49°, 85%, 74%
HSV	49°, 47%, 96%
XYZ	68.4086, 74.3625, 32.2206
YIQ	219.6770, 42.3690, -24.4710

# Conversions

## Conversions Part 2

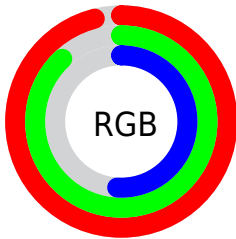
Format	Color
<a href="#">RYB</a>	<a href="#">157, 245, 131</a>
Decimal	<a href="#">16113795</a>
CIELab	<a href="#">89.09, -4.90, 47.92</a>
CIELCh	<a href="#">89, 48.169, 95.843</a>
Yxy	<a href="#">74.3625, 0.3909, 0.4249</a>
Android (android.graphics.Color)	<a href="#">4294303875 (0xFFFF5E083)</a>
YUV	<a href="#">219.6770, -43.7178, 22.2083</a>
Hunter-Lab	<a href="#">86.2337, -9.3061, 38.2103</a>

# Details

The Hex color **F5E083** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8398F5**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFB9**, and **BBA94F** is the 20% darker color. If you saturate the color by 10%, you get **F5DB6A**, and if you desaturate by 10%, it is **F5E59B**.

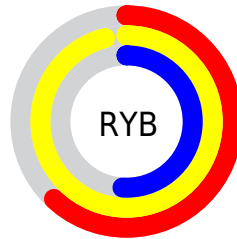
# Distribution



Red (96%)

Green (88%)

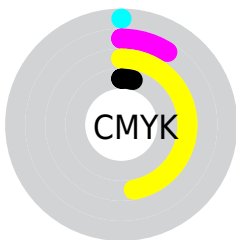
Blue (51%)



Red (62%)

Yellow (96%)

Blue (51%)

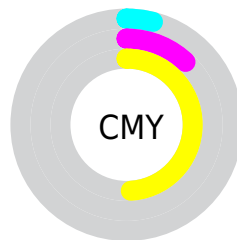


Cyan (0%)

Magenta (9%)

Yellow (47%)

Black (4%)



Cyan (4%)

Magenta (12%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5E083 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 F5E083 by changing the saturation by 10% instead.



 F5E083

 F5E083

FFFFFF

 D8C469

 FFFFB9

 BBA94F

 FFFFD6

 9F8F36

 FFFFF2

 83751B

 685D00

 4E4500

 342F00

 1C1B00

 000000

 F5E083

 F5E083

 F5DB6A

 F5E59B

 F5D752

 F5E9B4

 F5D239

 F5EECC

 F5CE21

 F5F2E5

 F5C908

 F5F7FE

 F5C800

 F5FBFF

 F5FFFF

# Harmonies

## Analogous

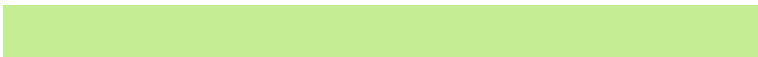
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD08D



F5E083



C4ED94

# Triad

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



F5E083



00F6FF



FFC2FF

# Complementary

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



F5E083



8398F5

# 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.



F1D1FF



F5E083



53EFFF

# Square

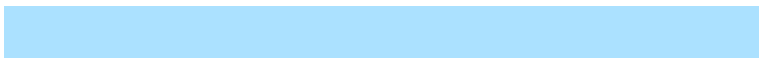
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5E083



44F8E8



ABE1FF



FFBBD8

# Rectangle

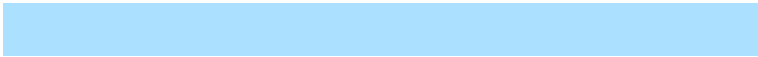
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5E083



9FF3AB



ABE1FF



FFC6FF

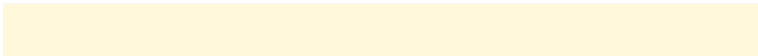


# Sweetspot

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



F5E083



FFF8DB



F5839A



807C6A



000000



808080



# Same Dimension

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



F5E083



FFE570



D3F583



7A786E



BA9800



3B3000



# Inverse Universe

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



8398F5



708BFF



A583F5



6E707A



0022BA

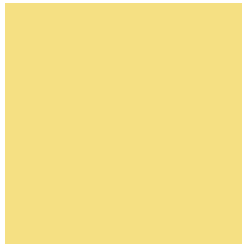


000B3B



# Previews

## White Background



This preview shows how the Hex color F5E083 looks on a white background.

## Color Contrast Check

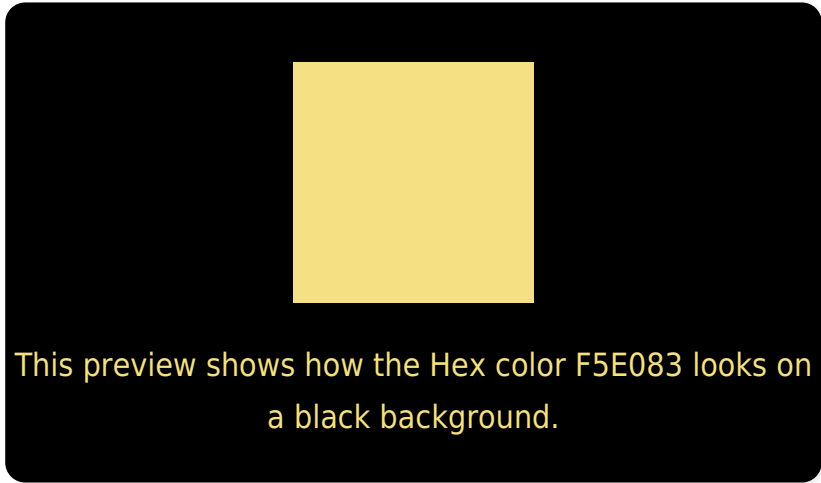
Large Text (above 18pt) WCAG AA × Fail

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 F5E083 Background



This preview shows how black text looks on a background with the Hex color F5E083.

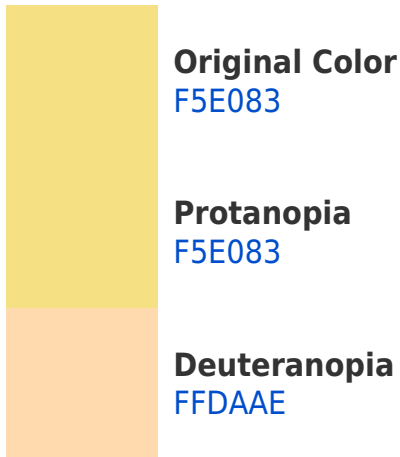


This preview shows how white text looks on a background with the Hex color F5E083.

# 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



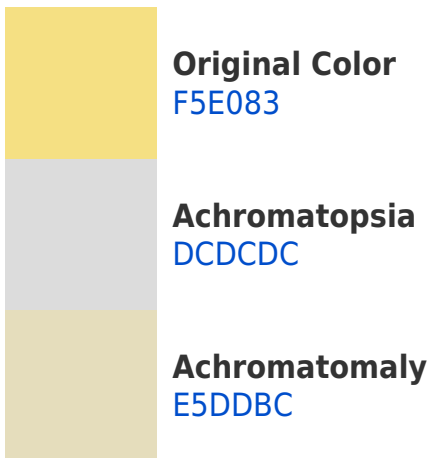


**Tritanopia**  
FFD4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5E083 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 #F5E083 looks like.

```
.text, #text, p{  
    color:#F5E083  
}
```

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 #F5E083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5E083
}
```

## Border

The CSS property to change the border of an element to Hex F5E083 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
#F5E083 }
```

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

```
.border{ border-color:#F5E083 }
```

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

Here you see how a box with a 4 pixel #F5E083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5E083; -webkit-box-shadow:4px 4px  
4px 4px #F5E083; box-shadow:4px 4px 4px  
4px #F5E083 }
```

# Background

The CSS property to change the background color of an element to Hex F5E083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5E083 }
```

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

```
.background{ background-color:#F5E083 }
```

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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