

# Converting Colors

Hex(F5E3A1)

Have a look what the booklet for  
Hex(F5E3A1) contains.

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# **Color**

**Hex(F5E3A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5E3A1
RGB	245, 227, 161
RGB Percent	96%, 89%, 63%
CMY	0.0392, 0.1098, 0.3686
CMYK	0.00, 0.07, 0.34, 0.04
HSL	47°, 81%, 80%
HSV	47°, 34%, 96%
XYZ	71.5583, 76.9239, 44.7945
YIQ	224.8580, 31.9140, -16.7100

# Conversions

## Conversions Part 2

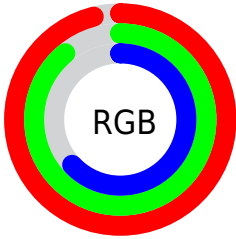
Format	Color
<a href="#">RYB</a>	<a href="#">184, 245, 161</a>
Decimal	<a href="#">16114593</a>
CIELab	<a href="#">90.29, -3.27, 34.50</a>
CIELCh	<a href="#">90, 34.659, 95.418</a>
Yxy	<a href="#">76.9239, 0.3702, 0.3980</a>
Android (android.graphics.Color)	<a href="#">4294304673 (0xFFF5E3A1)</a>
YUV	<a href="#">224.8580, -31.4820, 17.6645</a>
Hunter-Lab	<a href="#">87.7062, -7.8503, 31.1130</a>

# Details

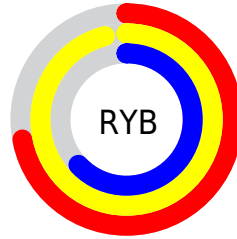
The Hex color **F5E3A1** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A1B3F5**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFD8**, and **BCAC6D** is the 20% darker color. If you saturate the color by 10%, you get **F5DE89**, and if you desaturate by 10%, it is **F5E8BA**.

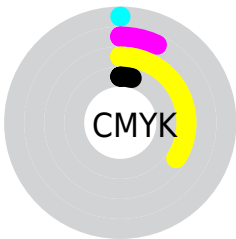
# Distribution



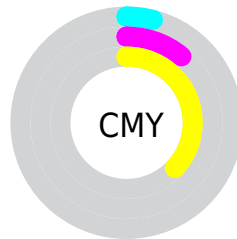
- Red (96%)
- Green (89%)
- Blue (63%)



- Red (72%)
- Yellow (96%)
- Blue (63%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5E3A1 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 F5E3A1 by changing the saturation by 10% instead.



 F5E3A1

 F5E3A1

FFFFFF

 D8C786

 FFFFD8


 BCAC6D

 FFFFF5

 A09154

 85783C

 6B5F24

 51480C

 393100

 211D00

 000200

 F5E3A1

 F5E3A1

 F5DE89

 F5E8BA

 F5D970

 F5EED2

 F5D357

 F5F3EB

 F5CE3F

 F5F8FF

 F5C926

 F5FDFF

 F5C30E

 F5FFFF

 F5C000

# Harmonies

## Analogous

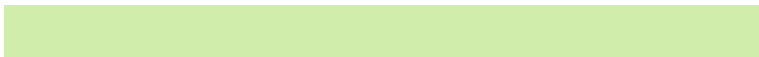
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD8A8



F5E3A1



D1EDAC

# Triad

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



F5E3A1



7DF4FF



FFCFFF

# Complementary

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



F5E3A1



A1B3F5

# 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.



F0D9FF



F5E3A1



94EEFF

# Square

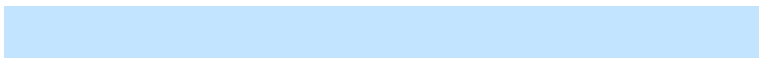
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5E3A1



89F6E8



C2E4FF



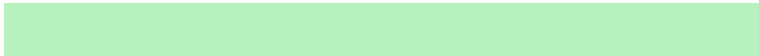
FFCBDE

# Rectangle

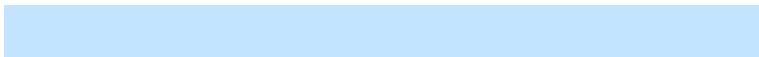
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5E3A1



B7F1BD



C2E4FF



FFD1FF



# Sweetspot

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



F5E3A1



FFFAE6



F5A1B3



807C70



000000



808080



# Same Dimension

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



F5E3A1



FFE996



DDF5A1



7A786E



BA9200



3B2E00



# Inverse Universe

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



A1B3F5



96ADFF



B9A1F5



6E717A



0028BA

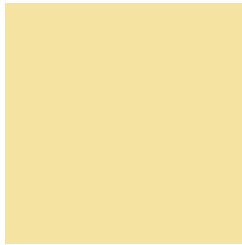


000D3B



# Previews

## White Background



This preview shows how the Hex color F5E3A1 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

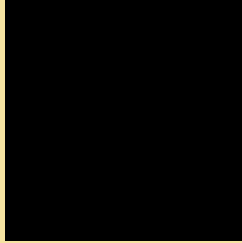
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F5E3A1 Background



This preview shows how black text looks on a background with the Hex color F5E3A1.

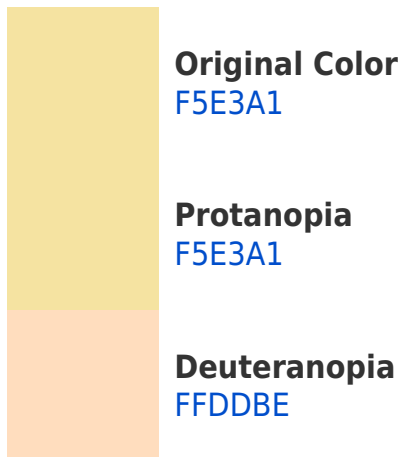


This preview shows how white text looks on a background with the Hex color F5E3A1.

# Color Blindness Simulation

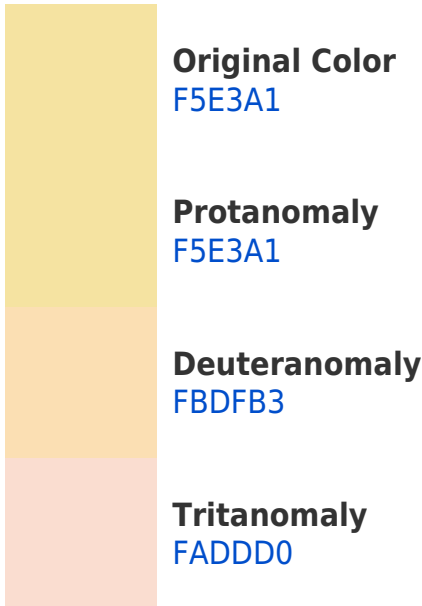
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

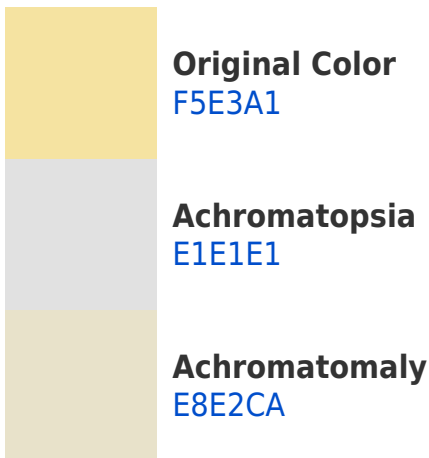




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5E3A1 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 #F5E3A1 looks like.

```
.text, #text, p{  
    color:#F5E3A1  
}
```

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 #F5E3A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5E3A1
}
```

## Border

The CSS property to change the border of an element to Hex F5E3A1 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
#F5E3A1 }
```

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

```
.border{ border-color:#F5E3A1 }
```

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

Here you see how a box with a 4 pixel #F5E3A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5E3A1; -webkit-box-shadow:4px 4px  
4px 4px #F5E3A1; box-shadow:4px 4px 4px  
4px #F5E3A1 }
```

# Background

The CSS property to change the background color of an element to Hex F5E3A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5E3A1 }
```

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

```
.background{ background-color:#F5E3A1 }
```

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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