

# Converting Colors

Hex(F0E1A4)

Have a look what the booklet for  
Hex(F0E1A4) contains.

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# **Color**

**Hex(F0E1A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0E1A4
RGB	240, 225, 164
RGB Percent	94%, 88%, 64%
CMY	0.0588, 0.1176, 0.3569
CMYK	0.00, 0.06, 0.32, 0.06
HSL	48°, 72%, 79%
HSV	48°, 32%, 94%
XYZ	69.5612, 75.0560, 45.9430
YIQ	222.5310, 28.5210, -15.7910

# Conversions

## Conversions Part 2

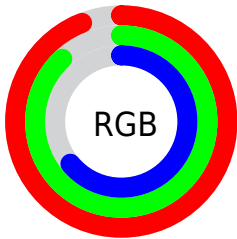
Format	Color
<a href="#">RYB</a>	<a href="#">183, 240, 164</a>
Decimal	<a href="#">15786404</a>
CIELab	<a href="#">89.42, -3.81, 31.75</a>
CIELCh	<a href="#">89, 31.976, 96.835</a>
Yxy	<a href="#">75.0560, 0.3650, 0.3939</a>
Android (android.graphics.Color)	<a href="#">4293976484 (0xFFFF0E1A4)</a>
YUV	<a href="#">222.5310, -28.8558, 15.3203</a>
Hunter-Lab	<a href="#">86.6349, -8.2891, 29.2026</a>

# Details

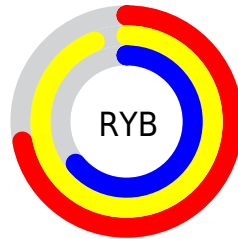
The Hex color **F0E1A4** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A4B3F0**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFDB**, and **B7AA70** is the 20% darker color. If you saturate the color by 10%, you get **F0DC8C**, and if you desaturate by 10%, it is **F0E6BC**.

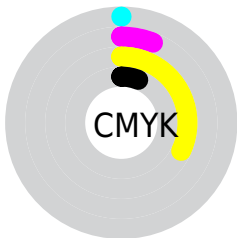
# Distribution



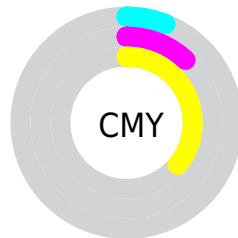
- Red (94%)
- Green (88%)
- Blue (64%)



- Red (72%)
- Yellow (94%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (32%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0E1A4 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 F0E1A4 by changing the saturation by 10% instead.



 F0E1A4

 F0E1A4

FFFFFF

 D3C589

 FFFFDB

 B7AA70

 FFFFF8

 9C8F57

 81763F

 675D27

 4D4610

 363000

 1E1B00

 000000

 F0E1A4

 F0E1A4

 F0DC8C

 F0E6BC

 F0D874

 F0EAD4

 F0D35C

 F0EFEC

 F0CE44

 F0F4FF

 F0C92C

 F0F9FF

 F0C514

 F0FDFF

 F0C100

 F0FFFF

# Harmonies

## Analogous

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



FFD7A9



F0E1A4



CEEAAF

# Triad

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



F0E1A4



86F0FF



FFCE99

# Complementary

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



F0E1A4



A4B3F0

# 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.



EED6FF



F0E1A4



9CEAFF

# Square

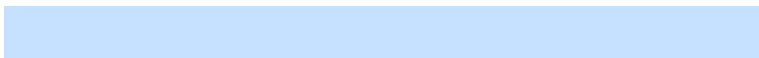
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0E1A4



8FF2E7



C5E1FF



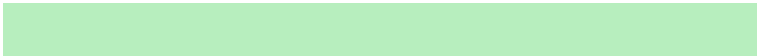
FFCADB

# Rectangle

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



F0E1A4



B7EEBE



C5E1FF



FFD0FF



# Sweetspot

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



F0E1A4



FFFAE6



F0A4B3



807C70



000000



808080



# Same Dimension

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



F0E1A4



FFEC9E



D9F0A4



78756C



B89300



382D00



# Inverse Universe

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



A4B3F0



9EB1FF



BBA4F0



6C6E78



0024B8

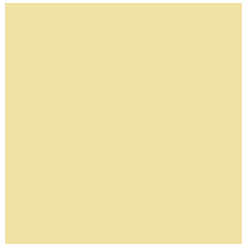


000B38



# Previews

## White Background



This preview shows how the Hex color F0E1A4 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

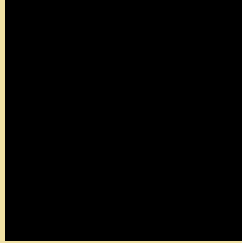
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F0E1A4 Background



This preview shows how black text looks on a background with the Hex color F0E1A4.

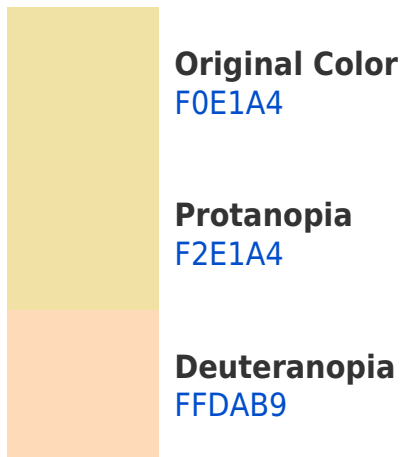


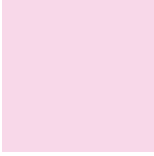
This preview shows how white text looks on a background with the Hex color F0E1A4.

# 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](#).

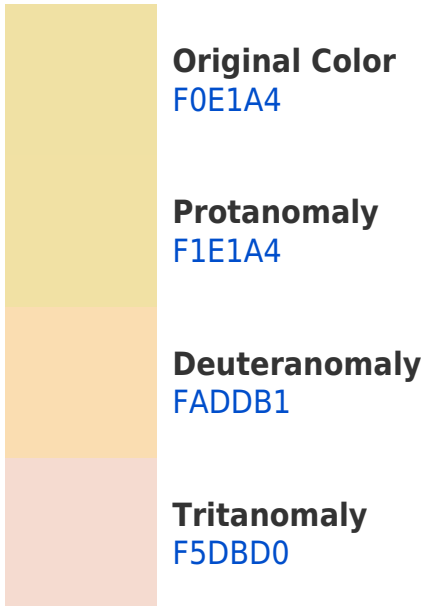
## Dichromacy





**Tritanopia**  
F8D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0E1A4 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 #F0E1A4 looks like.

```
.text, #text, p{  
    color:#F0E1A4  
}
```

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 #F0E1A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0E1A4
}
```

## Border

The CSS property to change the border of an element to Hex F0E1A4 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
#F0E1A4 }
```

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

```
.border{ border-color:#F0E1A4 }
```

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

Here you see how a box with a 4 pixel #F0E1A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0E1A4; -webkit-box-shadow:4px 4px  
4px 4px #F0E1A4; box-shadow:4px 4px 4px  
4px #F0E1A4 }
```

# Background

The CSS property to change the background color of an element to Hex F0E1A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0E1A4 }
```

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

```
.background{ background-color:#F0E1A4 }
```

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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