

# Converting Colors

Hex(F7D57E)

Have a look what the booklet for  
Hex(F7D57E) contains.

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# **Color**

**Hex(F7D57E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7D57E
RGB	247, 213, 126
RGB Percent	97%, 84%, 49%
CMY	0.0314, 0.1647, 0.5059
CMYK	0.00, 0.14, 0.49, 0.03
HSL	43°, 88%, 73%
HSV	43°, 49%, 97%
XYZ	65.9179, 68.8690, 29.5575
YIQ	213.2480, 48.1910, -19.8490

# Conversions

## Conversions Part 2

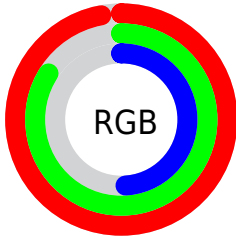
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 247, 126
Decimal	16242046
CIELab	86.44, 1.03, 47.12
CIELCh	86, 47.132, 88.746
Yxy	68.8690, 0.4011, 0.4191
Android (android.graphics.Color)	4294432126 (0xFFFF7D57E)
YUV	213.2480, -43.0133, 29.6005
Hunter-Lab	82.9874, -3.4430, 36.9739

# Details

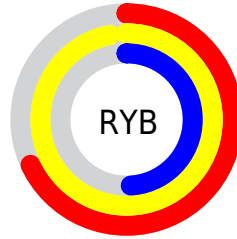
The Hex color **F7D57E** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7EA0F7**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFB4**, and **BC9F4A** is the 20% darker color. If you saturate the color by 10%, you get **F7CE65**, and if you desaturate by 10%, it is **F7DC97**.

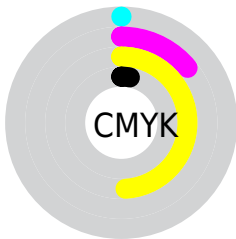
# Distribution



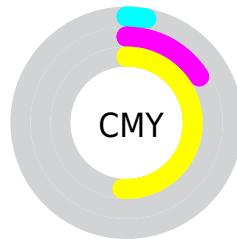
- Red (97%)
- Green (84%)
- Blue (49%)



- Red (68%)
- Yellow (97%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (49%)
- Black (3%)



- Cyan (3%)
- Magenta (16%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7D57E 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 F7D57E by changing the saturation by 10% instead.



 F7D57E

 F7D57E

FFFFFF

 D9B964

 FFFFB4

 BC9F4A

 FFFFD0

 A08531

 FFFFED

 846C17

 695300

 4F3D00

 352700

 1C1300

 000000

 F7D57E

 F7D57E

 F7CE65

 F7DC97

 F7C74D

 F7E3AF

 F7C034

 F7EAC8

 F7B91B

 F7F1E1

 F7B202

 F7F8FA

 F7B200

 F7FFFF

# Harmonies

## Analogous

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



FFC58D



F7D57E



C9E388

# Triad

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



F7D57E



00EFFF



FFBEFF

# Complementary

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



F7D57E



7EA0F7

# 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.



DACDFF



F7D57E



36E9FF

# Square

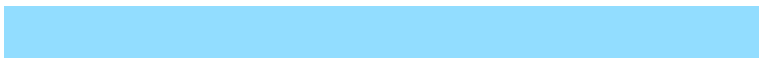
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F7D57E



53F0D5



92DDFF



FFB5DC

# Rectangle

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



F7D57E



A6E99C



92DDFF



FFC3FF



# Sweetspot

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



F7D57E



FFF4D9



F77EA0



807969



000000



808080



# Same Dimension

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



F7D57E



FFD569



DDF77E



7A776E



BA8600



3B2A00



# Inverse Universe

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



7EA0F7



6993FF



987EF7



6E727A



0034BA



00103B



# Previews

## White Background



This preview shows how the Hex color F7D57E looks on a white background.

## Color Contrast Check

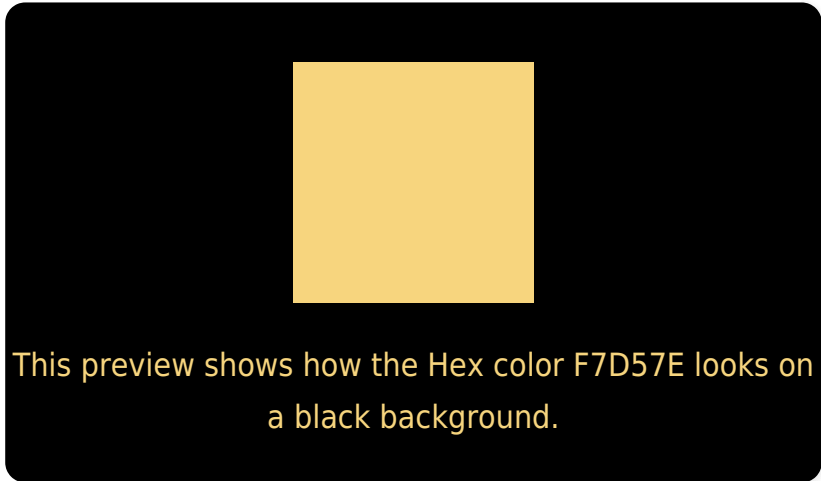
Large Text (above 18pt) WCAG AA × Fail

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 F7D57E Background



This preview shows how black text looks on a background with the Hex color F7D57E.

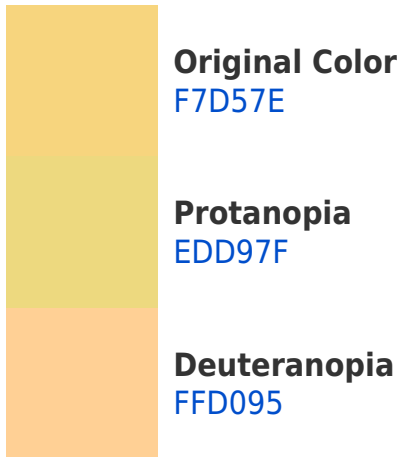


This preview shows how white text looks on a background with the Hex color F7D57E.

# Color Blindness Simulation

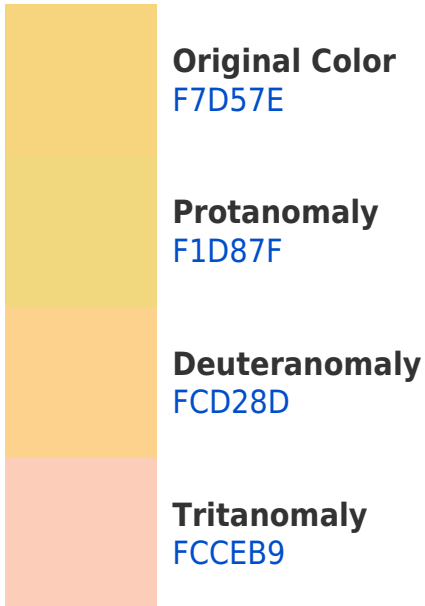
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7D57E 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 #F7D57E looks like.

```
.text, #text, p{  
    color:#F7D57E  
}
```

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 #F7D57E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7D57E
}
```

## Border

The CSS property to change the border of an element to Hex F7D57E 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
#F7D57E }
```

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

```
.border{ border-color:#F7D57E }
```

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

Here you see how a box with a 4 pixel #F7D57E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7D57E; -webkit-box-shadow:4px 4px  
4px 4px #F7D57E; box-shadow:4px 4px 4px  
4px #F7D57E }
```

# Background

The CSS property to change the background color of an element to Hex F7D57E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7D57E }
```

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

```
.background{ background-color:#F7D57E }
```

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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