

Converting Colors

Hex(FDD57F)

Have a look what the booklet for
Hex(FDD57F) contains.

Hex(FDD57F)	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(FDD57F)

Conversions

Conversions Part 1

Format	Color
Hex	FDD57F
RGB	253, 213, 127
RGB Percent	99%, 84%, 50%
CMY	0.0078, 0.1647, 0.5020
CMYK	0.00, 0.16, 0.50, 0.01
HSL	41°, 97%, 75%
HSV	41°, 50%, 99%
XYZ	68.1330, 70.0035, 29.9997
YIQ	215.1560, 51.4460, -18.2660

Conversions

Conversions Part 2

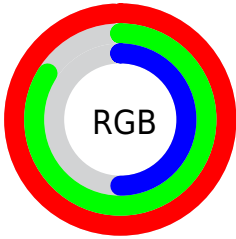
Format	Color
RYB	186, 253, 127
Decimal	16635263
CIELab	87.00, 3.52, 47.44
CIELCh	87, 47.573, 85.752
Yxy	70.0035, 0.4052, 0.4163
Android (android.graphics.Color)	4294825343 (0xFFFDD57F)
YUV	215.1560, -43.4609, 33.1892
Hunter-Lab	83.6681, -1.0620, 37.3089

Details

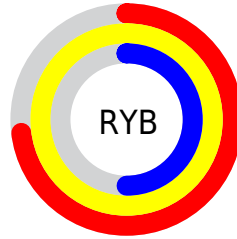
The Hex color **FDD57F** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7FA7FD**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFB5**, and **C29F4B** is the 20% darker color. If you saturate the color by 10%, you get **FDCD66**, and if you desaturate by 10%, it is **FDDD98**.

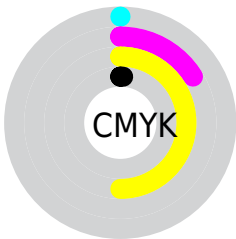
Distribution



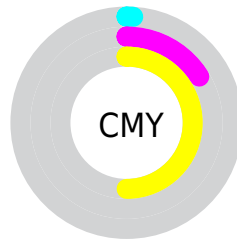
- Red (99%)
- Green (84%)
- Blue (50%)



- Red (73%)
- Yellow (99%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (1%)



- Cyan (1%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDD57F 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 FDD57F by changing the saturation by 10% instead.

 FDD57F

 FDD57F

FFFFFF

 DFB965

 FFFFB5

 C29F4B

 FFFFD1

 A58532

 FFFFEE

 896B18

 6E5300

 543C00

 392700

 201300

 000000

 FDD57F

 FDD57F

 FDCD66

 FDDD98

 FDC54C

 FDE5B2

 FDBD33

 FEDECB

 FDB51A

 FDF5E4

 FDAD01

 FDFDFE

 FDAD00

 FDFFFF

Harmonies

Analogous

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



FFC591



FDD57F



CFE387

Triad

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



FDD57F



00F1FF



FFC0FF

Complementary

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



FDD57F



7FA7FD

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.



D5D1FF



FDD57F



27ECFF

Square

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



FDD57F



5AF1D2



8AE0FF



FFB7E2

Rectangle

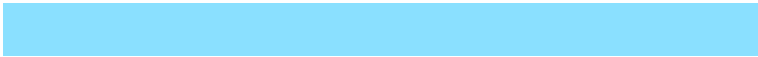
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDD57F



ADEA99



8AE0FF



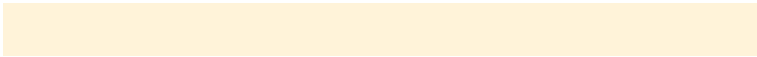
FDC5FF

Sweetspot

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



FDD57F



FFF3D9



FD7FA9



807869



000000



808080

Same Dimension

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



FDD57F



FFCE66



E8FD7F



807B73



BF8300



402C00

Inverse Universe

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



7FA7FD



6697FF



947FFD



737780



003DBF



001440

Previews

White Background



This preview shows how the Hex color FDD57F 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 FDD57F 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 FDD57F Background



This preview shows how black text looks on a background with the Hex color FDD57F.

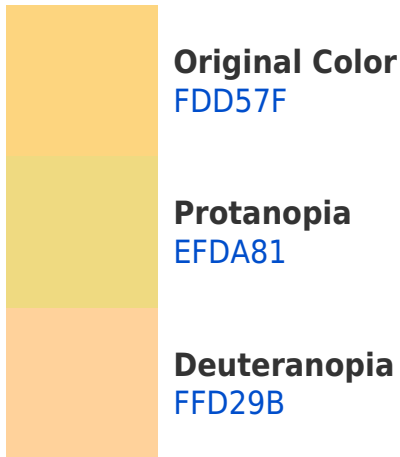


This preview shows how white text looks on a background with the Hex color FDD57F.

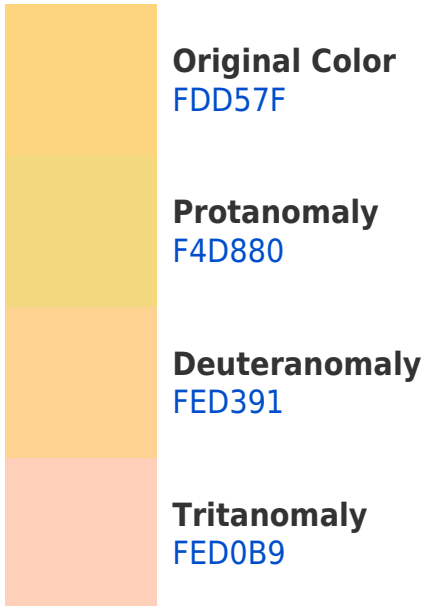
Color Blindness Simulation

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](#).

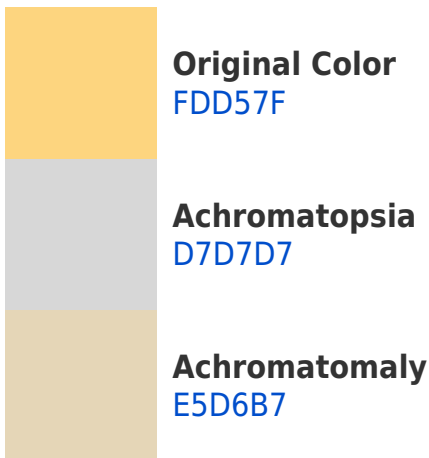
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDD57F 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 #FDD57F looks like.

```
.text, #text, p{  
    color:#FDD57F  
}
```

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 #FDD57F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDD57F
}
```

Border

The CSS property to change the border of an element to Hex FDD57F 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
#FDD57F }
```

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

```
.border{ border-color:#FDD57F }
```

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

Here you see how a box with a 4 pixel #FDD57F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDD57F; -webkit-box-shadow:4px 4px  
4px 4px #FDD57F; box-shadow:4px 4px 4px  
4px #FDD57F }
```

Background

The CSS property to change the background color of an element to Hex FDD57F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDD57F }
```

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

```
.background{ background-color:#FDD57F }
```

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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