

Converting Colors

Hex(FDDE80)

Have a look what the booklet for
Hex(FDDE80) contains.

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Color

Hex(FDDE80)

Conversions

Conversions Part 1

Format	Color
Hex	FDDE80
RGB	253, 222, 128
RGB Percent	99%, 87%, 50%
CMY	0.0078, 0.1294, 0.4980
CMYK	0.00, 0.12, 0.49, 0.01
HSL	45°, 97%, 75%
HSV	45°, 49%, 99%
XYZ	70.5256, 74.6837, 31.1204
YIQ	220.5530, 48.6500, -22.6620

Conversions

Conversions Part 2

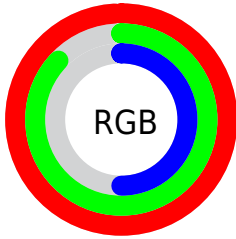
Format	Color
R _Y B	169, 253, 128
Decimal	16637568
CIE Lab	89.24, -0.98, 49.71
CIE LCh	89, 49.724, 91.129
Yxy	74.6837, 0.4000, 0.4235
Android (android.graphics.Color)	4294827648 (0xFFFDDE80)
YUV	220.5530, -45.6286, 28.4560
Hunter-Lab	86.4197, -5.5640, 39.1431

Details

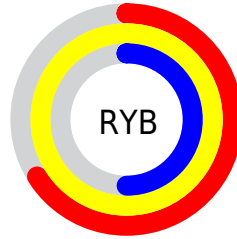
The Hex color **FDDE80** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **809FFD**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFB6**, and **C2A74C** is the 20% darker color. If you saturate the color by 10%, you get **FDD867**, and if you desaturate by 10%, it is **FDE499**.

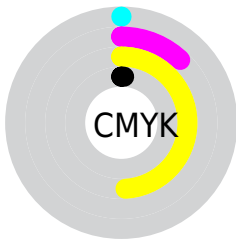
Distribution



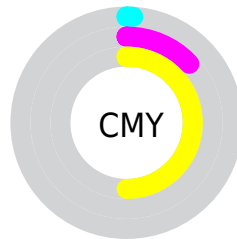
- Red (99%)
- Green (87%)
- Blue (50%)



- Red (66%)
- Yellow (99%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (49%)
- Black (1%)



- Cyan (1%)
- Magenta (13%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDDE80 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 FDDE80 by changing the saturation by 10% instead.

 FDDE80

 FDDE80

FFFFFF

 DFC266

 FFFFB6

 C2A74C

 FFFFD3

 A58D32

 FFFFEE

 897317

 6E5B00

 544400

 3A2E00

 211A00

 000000

 FDDE80

 FDDE80

 FDD867

 FDE499

 FDD14D

 FDEBB3

 FDCB34

 FDF1CC

 FDC51B

 FDF7E5

 FDBF01

 FDFDFF

 FDDE00

 FDFFFF

Harmonies

Analogous

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



FFCD8E



FDDE80



CCEC8D

Triad

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



FDDE80



00F8FF



FFC3FF

Complementary

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



FDDE80



809FFD

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.



E7D3FF



FDDE80



33F1FF

Square

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



FDDE80



47F9E0



9BE4FF



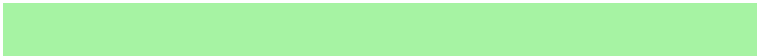
FFBBE0

Rectangle

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



FDDE80



A6F3A3



9BE4FF



FFC8FF

Sweetspot

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



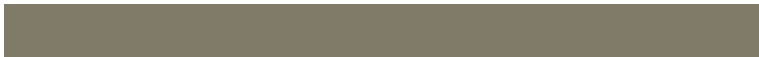
FDDE80



FFF6D9



FD809F



807A69



000000



808080

Same Dimension

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



FDDE80



FFDA69



DEFD80



807C73



BF9000



403000

Inverse Universe

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



809FFD



698EFF



9F80FD



737680



002FBF



001040

Previews

White Background



This preview shows how the Hex color FDDE80 looks on a white background.

Color Contrast Check

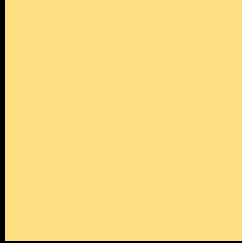
Large Text (above 18pt) WCAG AA × Fail

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 FDDE80 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 FDDE80 Background



This preview shows how black text looks on a background with the Hex color FDDE80.

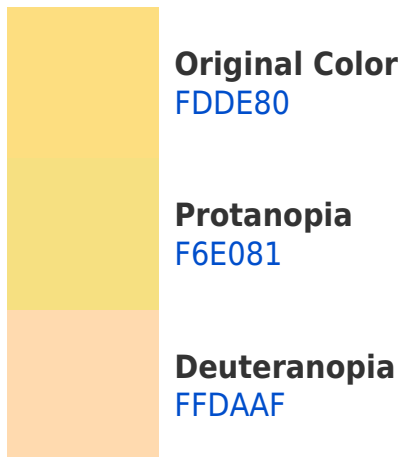


This preview shows how white text looks on a background with the Hex color FDDE80.

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](#).

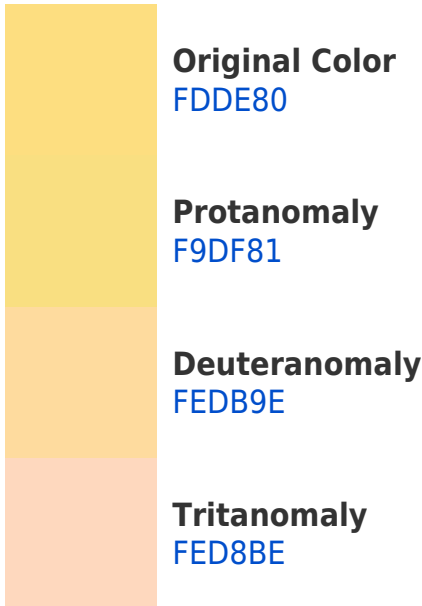
Dichromacy



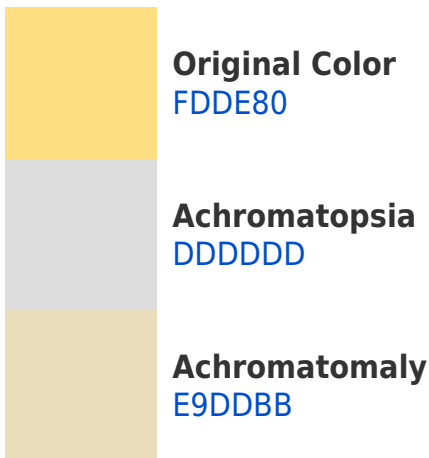


Tritanopia
FFD5E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDDE80 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 #FDDE80 looks like.

```
.text, #text, p{  
    color:#FDDE80  
}
```

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 #FDDE80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDDE80
}
```

Border

The CSS property to change the border of an element to Hex FDDE80 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
#FDDE80 }
```

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

```
.border{ border-color:#FDDE80 }
```

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

Here you see how a box with a 4 pixel #FDDE80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDDE80; -webkit-box-shadow:4px 4px  
4px 4px #FDDE80; box-shadow:4px 4px 4px  
4px #FDDE80 }
```

Background

The CSS property to change the background color of an element to Hex FDDE80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDDE80 }
```

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

```
.background{ background-color:#FDDE80 }
```

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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