

Converting Colors

Hex(FDD18A)

Have a look what the booklet for
Hex(FDD18A) contains.

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Color

Hex(FDD18A)

Conversions

Conversions Part 1

Format	Color
Hex	FDD18A
RGB	253, 209, 138
RGB Percent	99%, 82%, 54%
CMY	0.0078, 0.1804, 0.4588
CMYK	0.00, 0.17, 0.45, 0.01
HSL	37°, 97%, 77%
HSV	37°, 45%, 99%
XYZ	67.8959, 68.3186, 33.6531
YIQ	214.0620, 49.0150, -12.7530

Conversions

Conversions Part 2

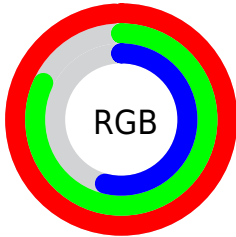
Format	Color
R _Y B	209, 253, 138
Decimal	16634250
CIE Lab	86.17, 6.59, 40.92
CIE LCh	86, 41.452, 80.846
Yxy	68.3186, 0.3997, 0.4022
Android (android.graphics.Color)	4294824330 (0xFFFD18A)
YUV	214.0620, -37.4986, 34.1486
Hunter-Lab	82.6550, 1.9802, 33.7186

Details

The Hex color **FDD18A** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8AB6FD**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFC0**, and **C29B57** is the 20% darker color. If you saturate the color by 10%, you get **FDC771**, and if you desaturate by 10%, it is **FDDBA3**.

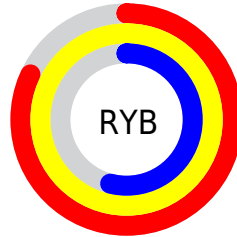
Distribution



Red (99%)

Green (82%)

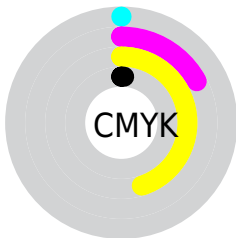
Blue (54%)



Red (82%)

Yellow (99%)

Blue (54%)

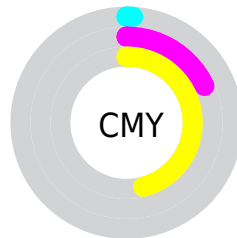


Cyan (0%)

Magenta (17%)

Yellow (45%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDD18A 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 FDD18A by changing the saturation by 10% instead.

 FDD18A

 FDD18A

FFFFFF

 DFB570

 FFFFC0

 C29B57

 FFFFDC

 A6813E

 FFFFF9

 8A6826

 6F500C

 543900

 3A2400

 220F00

 000000

 FDD18A

 FDD18A

 FDC771

 FDDBA3

 FDBE57

 FDE4BD

 FDB43E

 FDEED6

 FDAA25

 FDF8EF

 FDA10B

FDFFFF

 FD9C00

Harmonies

Analogous

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



FFC49C



FDD18A



D6DE8D

Triad

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



FDD18A



4DEDF2



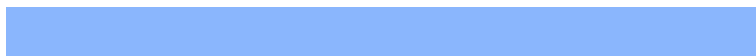
FEC4FF

Complementary

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



FDD18A



8AB6FD

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.



CBD2FF



FDD18A



53E8FF

Square

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



FDD18A



78ECCA



8DDFFF



FFBBE5

Rectangle

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



FDD18A



B9E49B



8DDFFF



EFC8FF

Sweetspot

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



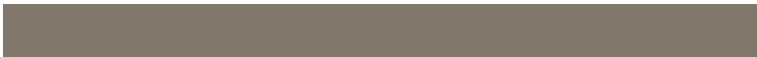
FDD18A



FFF1DB



FD8AB6



80776A



000000



808080

Same Dimension

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



FDD18A



FFC973



F0FD8A



807B73



BF7600



402700

Inverse Universe

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



8AB6FD



73A8FF



978AFD



737880



0049BF



001840

Previews

White Background



This preview shows how the Hex color FDD18A looks on a white background.

Color Contrast Check

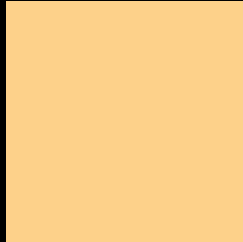
Large Text (above 18pt) WCAG AA × Fail

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 FDD18A 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 FDD18A Background



This preview shows how black text looks on a background with the Hex color FDD18A.

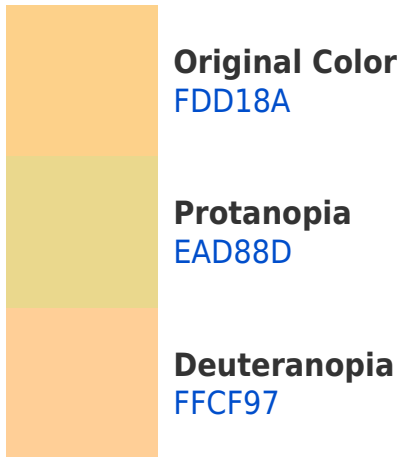


This preview shows how white text looks on a background with the Hex color FDD18A.

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](#).

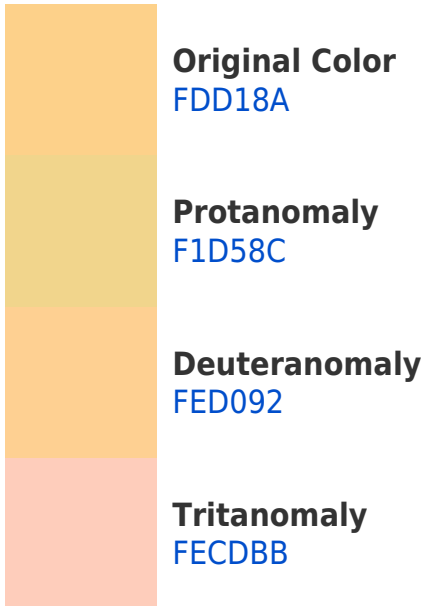
Dichromacy



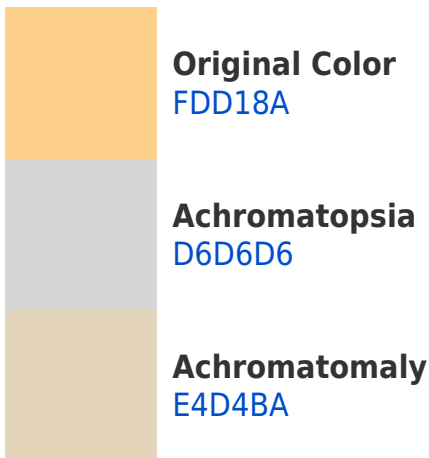


Tritanopia
FFCAD7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDD18A 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 #FDD18A looks like.

```
.text, #text, p{  
    color:#FDD18A  
}
```

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 #FDD18A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDD18A
}
```

Border

The CSS property to change the border of an element to Hex FDD18A 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
#FDD18A }
```

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

```
.border{ border-color:#FDD18A }
```

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

Here you see how a box with a 4 pixel #FDD18A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDD18A; -webkit-box-shadow:4px 4px  
4px 4px #FDD18A; box-shadow:4px 4px 4px  
4px #FDD18A }
```

Background

The CSS property to change the background color of an element to Hex FDD18A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDD18A }
```

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

```
.background{ background-color:#FDD18A }
```

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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