

# Converting Colors

Hex(F8D399)

Have a look what the booklet for  
Hex(F8D399) contains.

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**Color**

**Hex(F8D399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8D399
RGB	248, 211, 153
RGB Percent	97%, 83%, 60%
CMY	0.0275, 0.1725, 0.4000
CMYK	0.00, 0.15, 0.38, 0.03
HSL	37°, 87%, 79%
HSV	37°, 38%, 97%
XYZ	67.7554, 68.8449, 39.8543
YIQ	215.4510, 40.6700, -10.1940

# Conversions

## Conversions Part 2

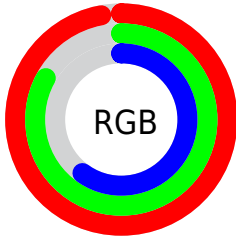
Format	Color
<a href="#">RYB</a>	<a href="#">214, 248, 153</a>
Decimal	<a href="#">16307097</a>
CIELab	<a href="#">86.43, 5.16, 33.53</a>
CIELCh	<a href="#">86, 33.927, 81.255</a>
Yxy	<a href="#">68.8449, 0.3840, 0.3902</a>
Android (android.graphics.Color)	<a href="#">4294497177</a> ( <a href="#">0xFFFF8D399</a> )
YUV	<a href="#">215.4510, -30.7883, 28.5455</a>
Hunter-Lab	<a href="#">82.9728, 0.5603, 29.6022</a>

# Details

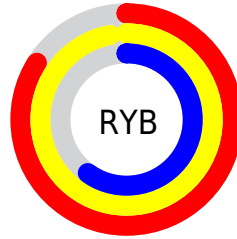
The Hex color **F8D399** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **99BEF8**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFD0**, and **BE9D65** is the 20% darker color. If you saturate the color by 10%, you get **F8C980**, and if you desaturate by 10%, it is **F8DDB2**.

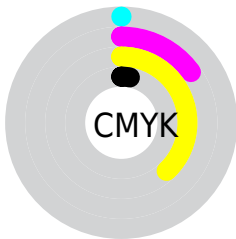
# Distribution



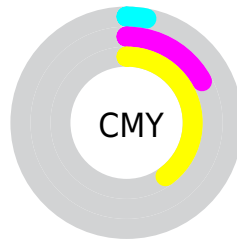
- Red (97%)
- Green (83%)
- Blue (60%)



- Red (84%)
- Yellow (97%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F8D399 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 F8D399 by changing the saturation by 10% instead.



 F8D399

 F8D399

FFFFFF

 DBB77F

 FFFFD0

 BE9D65

 FFFFEC


 A2834D

 876A35

 6C511E

 523B06

 392500

 211100

 000000

 F8D399

 F8D399

 F8C980

 F8DDB2

 F8C067

 F8E6CB

 F8B64F

 F8F0E3

 F8AC36

 F8FAFC

 F8A31D

 F8FFFF

 F89904

 F89700

# Harmonies

## Analogous

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



FFC8A7



F8D399



D7DD9C

# Triad

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



F8D399



76EAEE



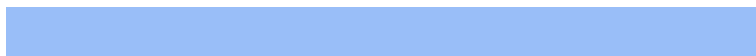
F8C8FF

# Complementary

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



F8D399



99BEF8

# 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.



D0D3FF



F8D399



7CE6FF

# Square

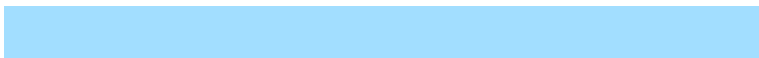
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F8D399



8FEACD



A2DEFF



FFC1E3

# Rectangle

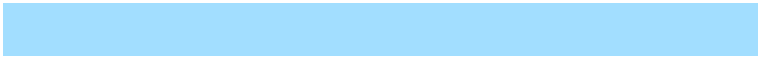
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F8D399



BFE3A7



A2DEFF



ECCCCF

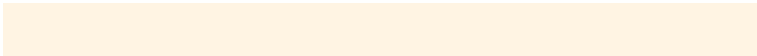


# Sweetspot

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



F8D399



FFF4E3



F899BF



80796F



000000



808080



# Same Dimension

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



F8D399



FFD18A



EFF899



7D7870



BD7300



3D2500



# Inverse Universe

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



99BEF8



8AB7FF



A299F8



70757D



0049BD



00183D



# Previews

## White Background



This preview shows how the Hex color F8D399 looks on a white background.

## Color Contrast Check

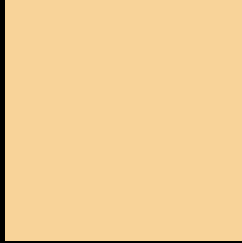
Large Text (above 18pt) WCAG AA × Fail

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 F8D399 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 F8D399 Background



This preview shows how black text looks on a background with the Hex color F8D399.



This preview shows how white text looks on a background with the Hex color F8D399.

# Color Blindness Simulation

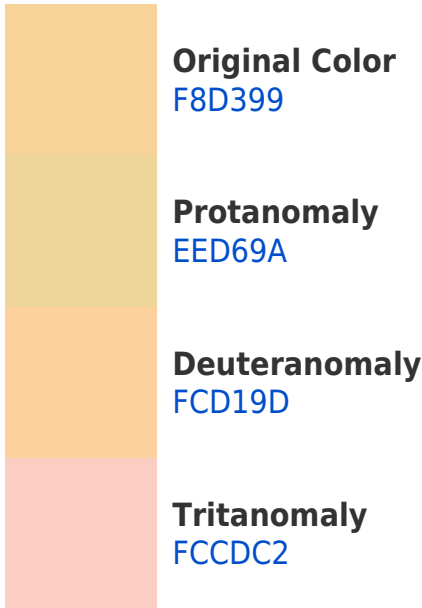
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F8D399 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 #F8D399 looks like.

```
.text, #text, p{  
    color:#F8D399  
}
```

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 #F8D399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8D399
}
```

## Border

The CSS property to change the border of an element to Hex F8D399 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
#F8D399 }
```

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

```
.border{ border-color:#F8D399 }
```

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

Here you see how a box with a 4 pixel #F8D399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8D399; -webkit-box-shadow:4px 4px  
4px 4px #F8D399; box-shadow:4px 4px 4px  
4px #F8D399 }
```

# Background

The CSS property to change the background color of an element to Hex F8D399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8D399 }
```

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

```
.background{ background-color:#F8D399 }
```

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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