

Converting Colors

Hex(F0D39F)

Have a look what the booklet for
Hex(F0D39F) contains.

Hex(F0D39F)	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(F0D39F)

Conversions

Conversions Part 1

Format	Color
Hex	F0D39F
RGB	240, 211, 159
RGB Percent	94%, 83%, 62%
CMY	0.0588, 0.1725, 0.3765
CMYK	0.00, 0.12, 0.34, 0.06
HSL	39°, 73%, 78%
HSV	39°, 34%, 94%
XYZ	65.4875, 67.6170, 42.4007
YIQ	213.7430, 33.9760, -10.0240

Conversions

Conversions Part 2

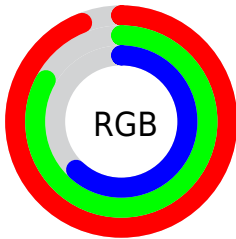
Format	Color
R _Y B	204, 240, 159
Decimal	15782815
CIE _{Lab}	85.81, 2.76, 29.49
CIE _{LCh}	86, 29.621, 84.657
Y _{xy}	67.6170, 0.3731, 0.3853
Android (android.graphics.Color)	4293972895 (0xFFFF0D39F)
YUV	213.7430, -26.9883, 23.0274
Hunter-Lab	82.2296, -1.7447, 26.9885

Details

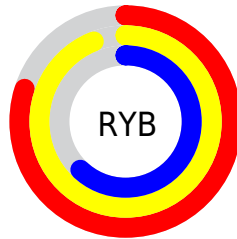
The Hex color **F0D39F** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9FBCF0**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFD6**, and **B79D6B** is the 20% darker color. If you saturate the color by 10%, you get **F0CA87**, and if you desaturate by 10%, it is **F0DCB7**.

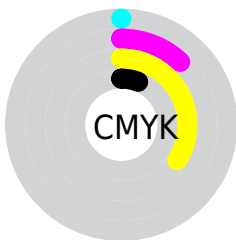
Distribution



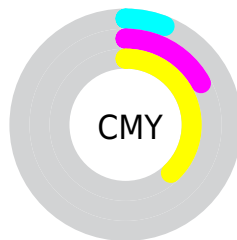
- Red (94%)
- Green (83%)
- Blue (62%)



- Red (80%)
- Yellow (94%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0D39F 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 F0D39F by changing the saturation by 10% instead.

 F0D39F

 F0D39F

FFFFFF

 D3B785

 FFFFD6

 B79D6B

 FFFFF3

 9B8352

 806A3B

 665124

 4D3B0D

 352500

 1D1100

 000000

 F0D39F

 F0D39F

 F0CA87

 F0DCB7

 F0C26F

 F0E4CF

 F0B957

 F0EDE7

 F0B13F

 F0F5FF

 F0A827

 F0FEFF

 F09F0F

 F0FFFF

 F09A00

Harmonies

Analogous

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



FFCAA



F0D39F



D3DCA3

Triad

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



F0D39F



85E6ED



F6C8F7

Complementary

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



F0D39F



9FBCF0

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.



D4D1FF



F0D39F



8DE2FF

Square

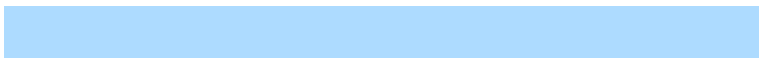
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0D39F



95E6D0



ADD8E6



FFC0CB

Rectangle

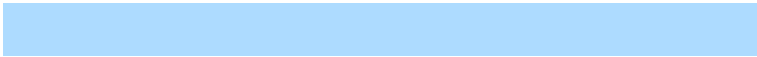
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0D39F



BDE1AE



ADD8E6



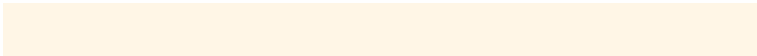
E6B0FF

Sweetspot

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



F0D39F



FFF6E6



F09FBD



807A70



000000



808080

Same Dimension

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



F0D39F



FFDA96



E5F09F



78746C



B87600



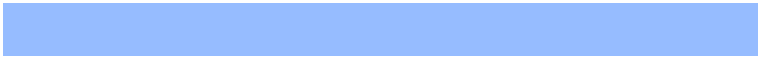
382400

Inverse Universe

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



9FBCF0



96BCFF



AA9FF0



6C7078



0042B8



001438

Previews

White Background



This preview shows how the Hex color F0D39F looks on a white background.

Color Contrast Check

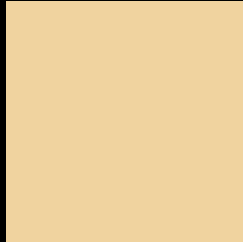
Large Text (above 18pt) WCAG AA × Fail

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 F0D39F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

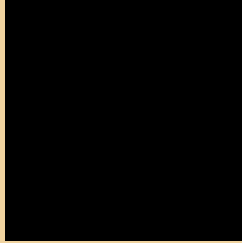
Any Text WCAG AA ✓ Pass

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 F0D39F Background



This preview shows how black text looks on a background with the Hex color F0D39F.

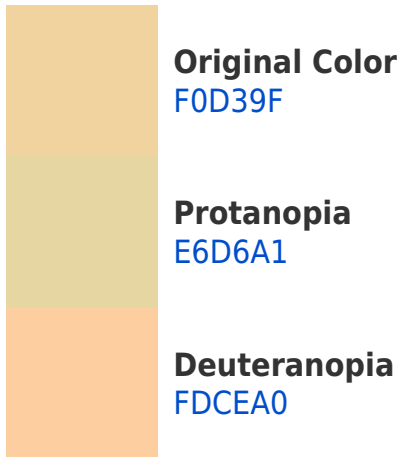


This preview shows how white text looks on a background with the Hex color F0D39F.

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](#).

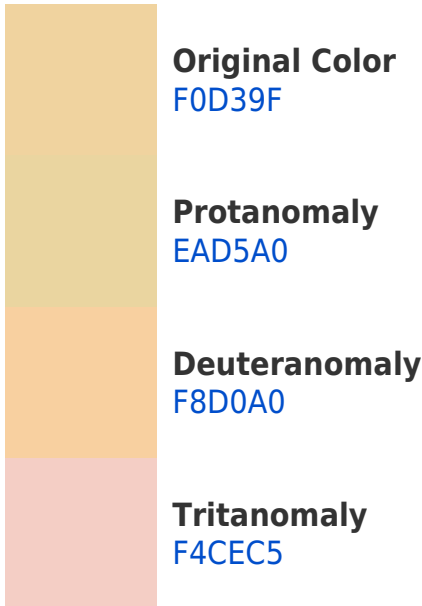
Dichromacy



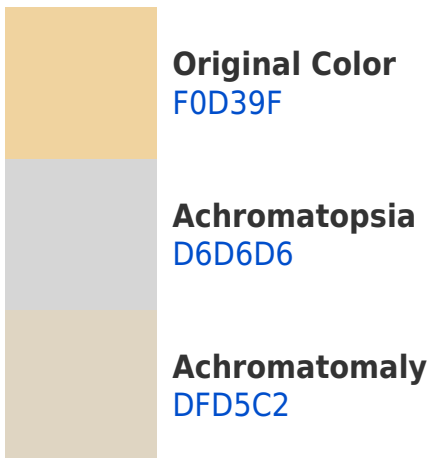


Tritanopia
F7CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0D39F 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 #F0D39F looks like.

```
.text, #text, p{  
    color:#F0D39F  
}
```

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 #F0D39F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0D39F
}
```

Border

The CSS property to change the border of an element to Hex F0D39F 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
#F0D39F }
```

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

```
.border{ border-color:#F0D39F }
```

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

Here you see how a box with a 4 pixel #F0D39F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0D39F; -webkit-box-shadow:4px 4px  
4px 4px #F0D39F; box-shadow:4px 4px 4px  
4px #F0D39F }
```

Background

The CSS property to change the background color of an element to Hex F0D39F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0D39F }
```

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

```
.background{ background-color:#F0D39F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor