

Converting Colors

Hex(F0F399)

Have a look what the booklet for
Hex(F0F399) contains.

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Color

Hex(F0F399)

Conversions

Conversions Part 1

Format	Color
Hex	F0F399
RGB	240, 243, 153
RGB Percent	94%, 95%, 60%
CMY	0.0588, 0.0471, 0.4000
CMYK	0.01, 0.00, 0.37, 0.05
HSL	62°, 79%, 78%
HSV	62°, 37%, 95%
XYZ	73.7355, 84.9264, 42.6431
YIQ	231.8430, 27.1020, -28.6260

Conversions

Conversions Part 2

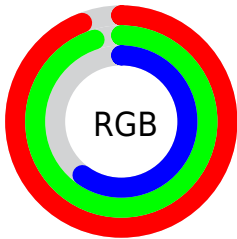
Format	Color
RYB	153, 243, 156
Decimal	15791001
CIELab	93.85, -14.07, 43.07
CIElCh	94, 45.311, 108.091
Yxy	84.9264, 0.3663, 0.4219
Android (android.graphics.Color)	4293981081 (0xFFFF0F399)
YUV	231.8430, -38.8696, 7.1537
Hunter-Lab	92.1555, -18.4505, 37.0736

Details

The Hex color **F0F399** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9C99F3**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFD0**, and **B7BB64** is the 20% darker color. If you saturate the color by 10%, you get **EFF381**, and if you desaturate by 10%, it is **F1F3B1**.

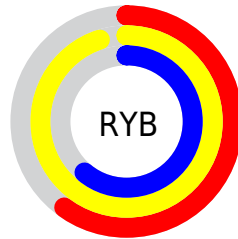
Distribution



Red (94%)

Green (95%)

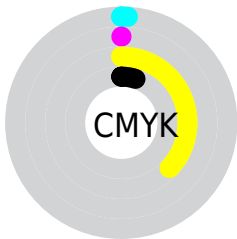
Blue (60%)



Red (60%)

Yellow (95%)

Blue (61%)

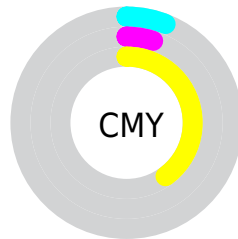


Cyan (1%)

Magenta (0%)

Yellow (37%)

Black (5%)



Cyan (6%)

Magenta (5%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0F399 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 F0F399 by changing the saturation by 10% instead.

 F0F399

 F0F399

FFFFFF

 D3D77E

 FFFFD0

 B7BB64

 FFFFED

 9BA04B

 808632

 666D18

 4C5400

 343D00

 1B2800

 001500

 F0F399

 F0F399

 EFF381

 F1F3B1

 EEF368

 F2F3CA

 EEF350

 F2F3E2

 EDF338

 F3F3FA

 ECF31F

 F4F3FF

 EBF307

 F5F3FF

 EBF300

 F6F3FF

 F7F3FF

Harmonies

Analogous

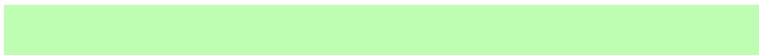
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE598



F0F399



BEFEB2

Triad

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



F0F399



53FFFF



FFCEFF

Complementary

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



F0F399



9C99F3

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.



FFD9FF



F0F399



93F7FF

Square

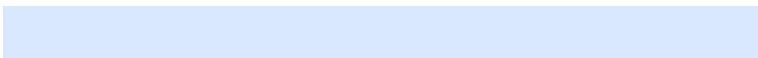
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0F399



54FFFF



DAE8FF



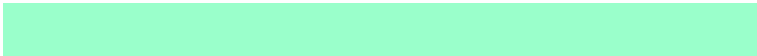
FFCDD4

Rectangle

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



F0F399



9AFFCB



DAE8FF



FFD0FF

Sweetspot

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



F0F399



FEFFE3



F39C99



7F806F



000000



808080

Same Dimension

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



F0F399



FBFF8F



C3F399



7A7A6E



B4BA00



393B00

Inverse Universe

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



9C99F3



938FFF



C999F3



6F6E7A



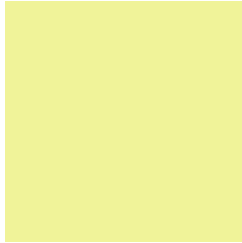
0600BA



02003B

Previews

White Background



This preview shows how the Hex color F0F399 looks on a white background.

Color Contrast Check

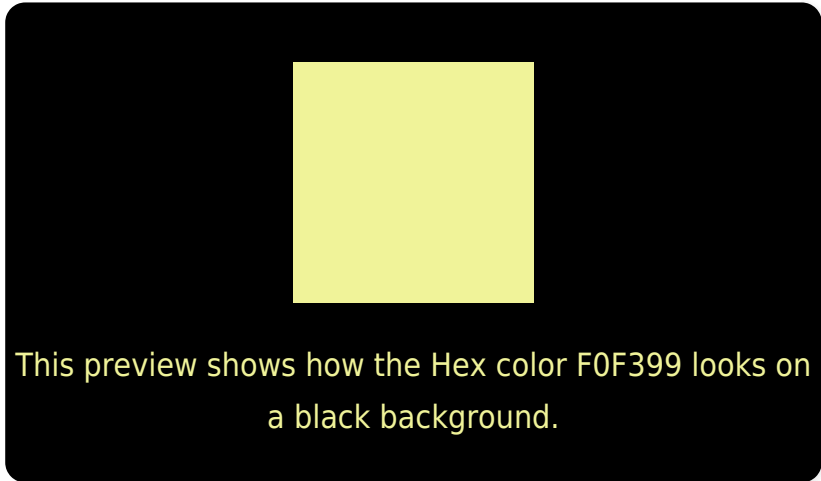
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

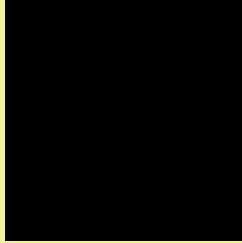
Any Text WCAG AA ✓ Pass

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 F0F399 Background



This preview shows how black text looks on a background with the Hex color F0F399.

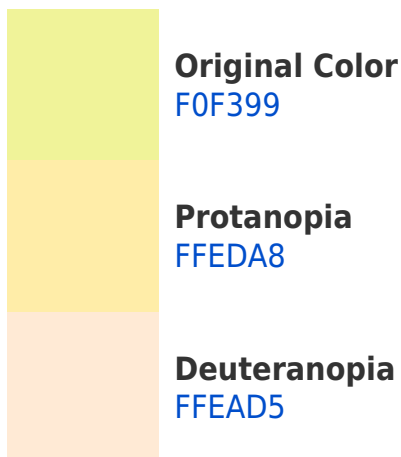


This preview shows how white text looks on a background with the Hex color F0F399.

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](#).

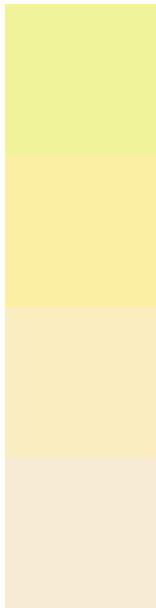
Dichromacy





Tritanopia
FBE7F9

Trichromacy



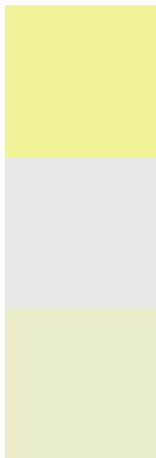
Original Color
F0F399

Protanomaly
FAEFA3

Deuteranomaly
FAEDBF

Tritanomaly
F7EBD6

Monochromacy



Original Color
F0F399

Achromatopsia
E8E8E8

Achromatomaly
EBECCB

CSS Examples

Text

The CSS property to change the color of the text to Hex F0F399 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 #F0F399 looks like.

```
.text, #text, p{  
    color:#F0F399  
}
```

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 #F0F399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0F399
}
```

Border

The CSS property to change the border of an element to Hex F0F399 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
#F0F399 }
```

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

```
.border{ border-color:#F0F399 }
```

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

Here you see how a box with a 4 pixel #F0F399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0F399; -webkit-box-shadow:4px 4px  
4px 4px #F0F399; box-shadow:4px 4px 4px  
4px #F0F399 }
```

Background

The CSS property to change the background color of an element to Hex F0F399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0F399 }
```

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

```
.background{ background-color:#F0F399 }
```

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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