

# Converting Colors

Hex(F0F099)

Have a look what the booklet for  
Hex(F0F099) contains.

<b>Hex(F0F099)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F0F099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0F099
RGB	240, 240, 153
RGB Percent	94%, 94%, 60%
CMY	0.0588, 0.0588, 0.4000
CMYK	0.00, 0.00, 0.36, 0.06
HSL	60°, 74%, 77%
HSV	60°, 36%, 94%
XYZ	72.8450, 83.1453, 42.3463
YIQ	230.0820, 27.9270, -27.0570

# Conversions

## Conversions Part 2

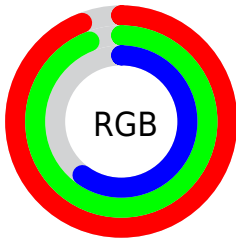
Format	Color
R <sub>Y</sub> B	153, 240, 153
Decimal	15790233
CIE Lab	93.08, -12.59, 42.08
CIE LCh	93, 43.923, 106.663
Yxy	83.1453, 0.3673, 0.4192
Android (android.graphics.Color)	4293980313 (0xFFFF0F099)
YUV	230.0820, -38.0014, 8.6981
Hunter-Lab	91.1841, -16.9722, 36.2943

# Details

The Hex color **F0F099** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9999F0**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFD0**, and **B7B864** is the 20% darker color. If you saturate the color by 10%, you get **F0F081**, and if you desaturate by 10%, it is **F0F0B1**.

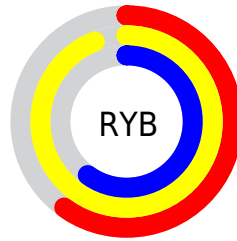
# Distribution



Red (94%)

Green (94%)

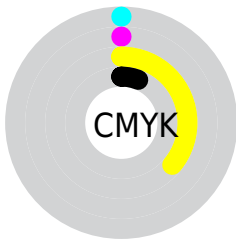
Blue (60%)



Red (60%)

Yellow (94%)

Blue (60%)

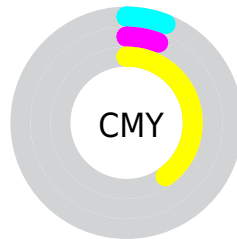


Cyan (0%)

Magenta (0%)

Yellow (36%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0F099 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 F0F099 by changing the saturation by 10% instead.



 F0F099

 F0F099

FFFFFF

 D3D47E

 FFFFD0

 B7B864

 FFFFED

 9B9D4B

 808332

 666A19

 4C5200

 343B00

 1B2600

 001200

 F0F099

 F0F099

 F0F081

 F0F0B1

 F0F069

 F0F0C9

 F0F051

 F0F0E1

 F0F039

 F0F0F9

 F0F021

 F0F0FF

 F0F009

 F0F000

# Harmonies

## Analogous

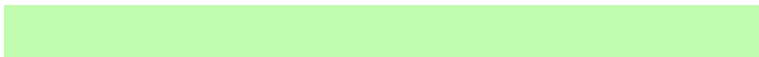
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE299



F0F099



C0FBBO

# Triad

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



F0F099



58FEFF



FFCDFF

# Complementary

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



F0F099



9999F0

# 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.



FFD8FF



F0F099



92F5FF

# Square

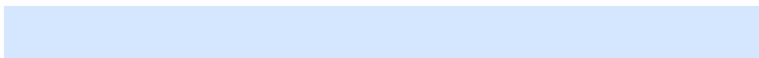
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0F099



5CFFFF



D5E7FF



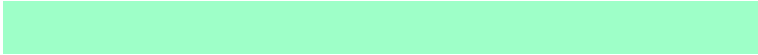
FFCBD5

# Rectangle

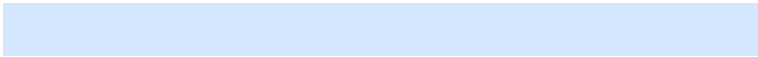
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0F099



9EFFC8



D5E7FF



FFD0FF



# Sweetspot

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



F0F099



FFFFE3



F09999



80806F



000000



808080



# Same Dimension

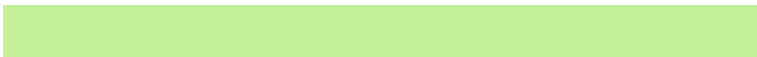
The Same Dimension uses a secret algorithm to generate beautiful new colors.



F0F099



FFFF8F



C4F099



78786C



B8B800



383800



# Inverse Universe

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



9999F0



8F8FFF



C499F0



6C6C78



0000B8

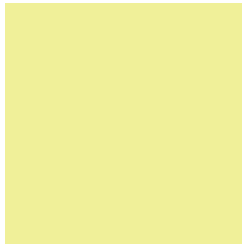


000038



# Previews

## White Background



This preview shows how the Hex color F0F099 looks on a white background.

## Color Contrast Check

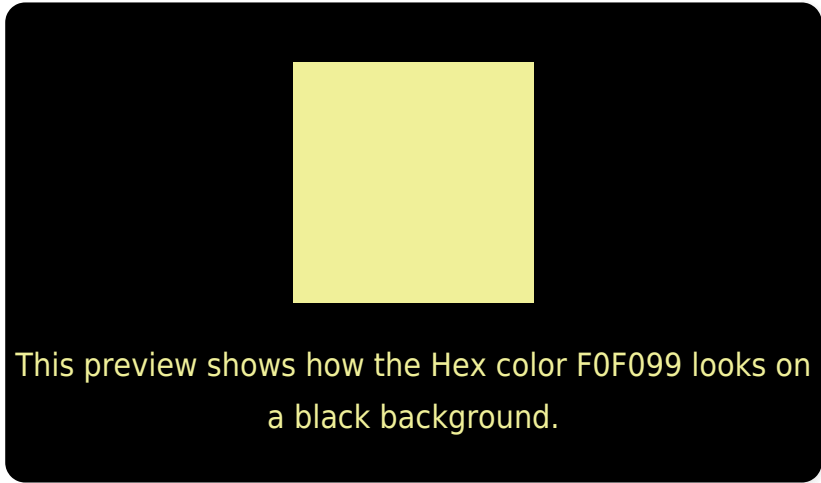
Large Text (above 18pt) WCAG AA × Fail

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

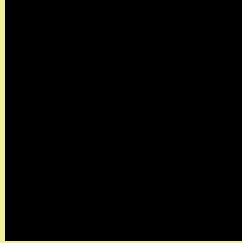
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F0F099 Background



This preview shows how black text looks on a background with the Hex color F0F099.

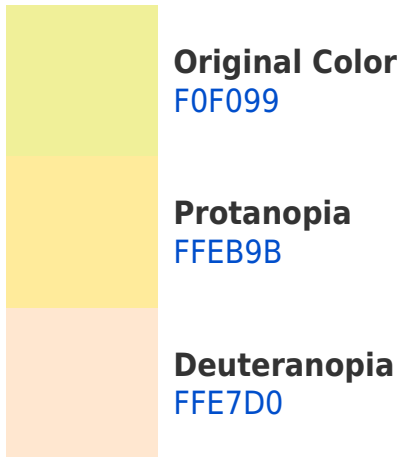


This preview shows how white text looks on a background with the Hex color F0F099.

# 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](#).

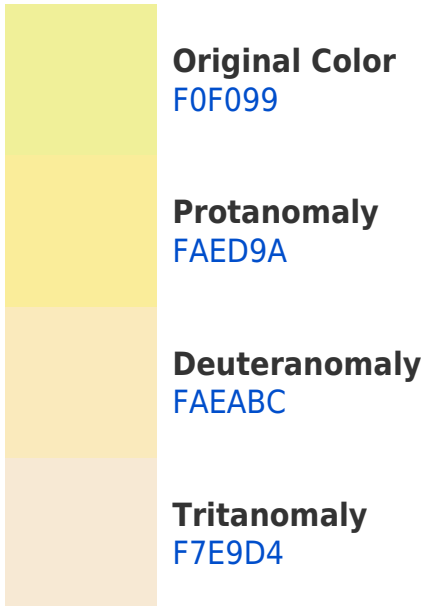
## Dichromacy





**Tritanopia**  
FBE5F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0F099 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 #F0F099 looks like.

```
.text, #text, p{  
    color:#F0F099  
}
```

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 #F0F099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0F099
}
```

## Border

The CSS property to change the border of an element to Hex F0F099 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
#F0F099 }
```

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

```
.border{ border-color:#F0F099 }
```

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

Here you see how a box with a 4 pixel #F0F099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0F099; -webkit-box-shadow:4px 4px  
4px 4px #F0F099; box-shadow:4px 4px 4px  
4px #F0F099 }
```

# Background

The CSS property to change the background color of an element to Hex F0F099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0F099 }
```

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

```
.background{ background-color:#F0F099 }
```

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