

# Converting Colors

Hex(F0F043)

Have a look what the booklet for  
Hex(F0F043) contains.

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**Color**

**Hex(F0F043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0F043
RGB	240, 240, 67
RGB Percent	94%, 94%, 26%
CMY	0.0588, 0.0588, 0.7373
CMYK	0.00, 0.00, 0.72, 0.06
HSL	60°, 85%, 60%
HSV	60°, 72%, 94%
XYZ	68.1084, 81.2507, 17.4034
YIQ	220.2780, 55.5330, -53.8030

# Conversions

## Conversions Part 2

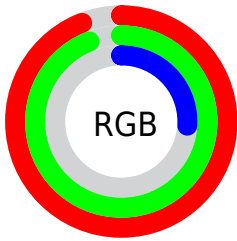
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">67, 240, 67</a>
Decimal	<a href="#">15790147</a>
<a href="#">CIELab</a>	<a href="#">92.24, -19.14, 78.09</a>
<a href="#">CIELCh</a>	<a href="#">92, 80.397, 103.770</a>
<a href="#">Yxy</a>	<a href="#">81.2507, 0.4084, 0.4872</a>
Android (android.graphics.Color)	<a href="#">4293980227</a> ( <a href="#">0xFFFF0F043</a> )
<a href="#">YUV</a>	<a href="#">220.2780, -75.5661, 17.2962</a>
<a href="#">Hunter-Lab</a>	<a href="#">90.1392, -22.8705, 51.6501</a>

# Details

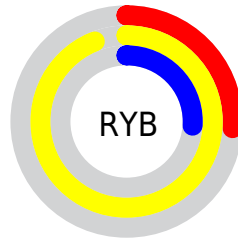
The Hex color **F0F043** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **4343F0**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF7E**, and **B4B800** is the 20% darker color. If you saturate the color by 10%, you get **F0F02B**, and if you desaturate by 10%, it is **F0F05B**.

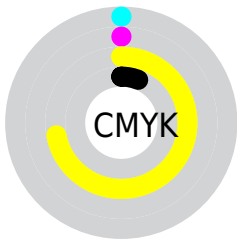
# Distribution



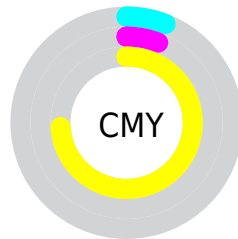
- Red (94%)
- Green (94%)
- Blue (26%)



- Red (26%)
- Yellow (94%)
- Blue (26%)



- Cyan (0%)
- Magenta (0%)
- Yellow (72%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0F043 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 F0F043 by changing the saturation by 10% instead.



 F0F043

 F0F043

FFFFFF

 D2D41F

 FFFF7E

 B4B800

 FFFF9B

 979D00

 FFFFB8

 7A8400

 FFFF D5

 5E6A00

 FFFFF3

 425200

 283B00

 0E2600

 000F00

 F0F043

 F0F043

 F0F02B

 F0F05B

 F0F013

 F0F073

 F0F000

 F0F08B

 F0F0A3

 F0F0BB

 F0F0D3

 F0F0EB

 F0F0FF

# Harmonies

## Analogous

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



FFD64C



F0F043



99FF72

# Triad

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



F0F043



00FFFF



FFA8FF

# Complementary

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



F0F043



4343F0

# 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.



FFC5FF



F0F043



00DFFF

# Square

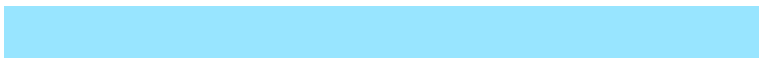
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0F043



00FFFF



98E5FF



FFA2C8

# Rectangle

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



F0F043



30FFA1



98E5FF



FFB0FF



# Sweetspot

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



F0F043



FFFFC7



F04343



80805E



000000



808080



# Same Dimension

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



F0F043



FFFF21



9AF043



78786C



B8B800



383800



# Inverse Universe

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



4343F0



2121FF



9A43F0



6C6C78



0000B8

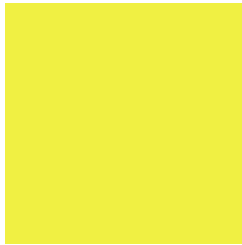


000038



# Previews

## White Background



This preview shows how the Hex color F0F043 looks on a white background.

## Color Contrast Check

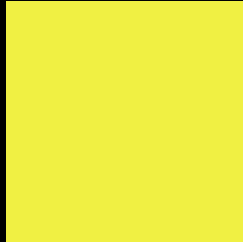
Large Text (above 18pt) WCAG AA × Fail

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 F0F043 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 F0F043 Background



This preview shows how black text looks on a background with the Hex color F0F043.

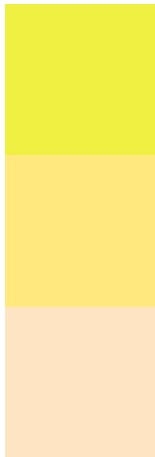


This preview shows how white text looks on a background with the Hex color F0F043.

# 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



**Original Color**  
F0F043

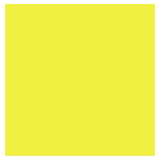
**Protanopia**  
FFE97F

**Deuteranopia**  
FFE4C3



**Tritanopia**  
FFE0F1

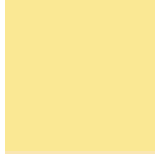
# Trichromacy



**Original Color**  
F0F043



**Protanomaly**  
FAEC69



**Deuteranomaly**  
FAE894

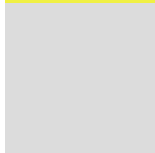


**Tritanomaly**  
FAE6B2

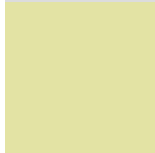
# Monochromacy



**Original Color**  
F0F043



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
E3E3A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0F043 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 #F0F043 looks like.

```
.text, #text, p{  
    color:#F0F043  
}
```

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 #F0F043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0F043
}
```

## Border

The CSS property to change the border of an element to Hex F0F043 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
#F0F043 }
```

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

```
.border{ border-color:#F0F043 }
```

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

Here you see how a box with a 4 pixel #F0F043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0F043; -webkit-box-shadow:4px 4px  
4px 4px #F0F043; box-shadow:4px 4px 4px  
4px #F0F043 }
```

# Background

The CSS property to change the background color of an element to Hex F0F043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0F043 }
```

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

```
.background{ background-color:#F0F043 }
```

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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