

# Converting Colors

Hex(E2F074)

Have a look what the booklet for  
Hex(E2F074) contains.

<b>Hex(E2F074)</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(E2F074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2F074
RGB	226, 240, 116
RGB Percent	89%, 94%, 45%
CMY	0.1137, 0.0588, 0.5451
CMYK	0.06, 0.00, 0.52, 0.06
HSL	67°, 81%, 70%
HSV	67°, 52%, 94%
XYZ	65.6765, 79.7499, 28.4547
YIQ	221.6780, 31.4600, -41.5320

# Conversions

## Conversions Part 2

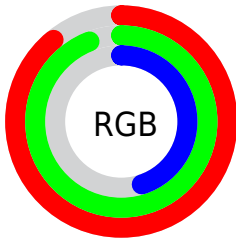
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 240, 130
Decimal	14872692
CIELab	91.57, -21.64, 57.60
CIELCh	92, 61.531, 110.587
Yxy	79.7499, 0.3777, 0.4586
Android (android.graphics.Color)	4293062772 (0xFFE2F074)
YUV	221.6780, -52.0993, 3.7904
Hunter-Lab	89.3028, -25.0045, 43.6202

# Details

The Hex color **E2F074** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8274F0**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFAB**, and **A8B83E** is the 20% darker color. If you saturate the color by 10%, you get **DFF05C**, and if you desaturate by 10%, it is **E5F08C**.

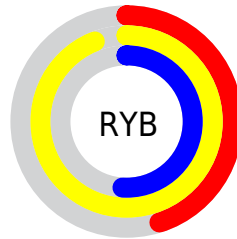
# Distribution



Red (89%)

Green (94%)

Blue (45%)



Red (45%)

Yellow (94%)

Blue (51%)

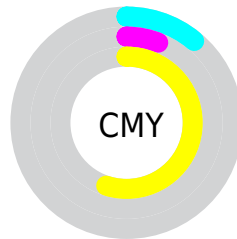


Cyan (6%)

Magenta (0%)

Yellow (52%)

Black (6%)



Cyan (11%)

Magenta (6%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2F074 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 E2F074 by changing the saturation by 10% instead.



 E2F074

 E2F074

FFFFFF

 C5D459

 FFFFAB

 A8B83E

 FFFFC7

 8C9D21

 FFFFE4

 718300

 566A00

 3D5200

 223B00

 062500

 000B00

 E2F074

 E2F074

 DFF05C

 E5F08C

 DDF044

 E7F0A4

 DAF02C

 EAF0BC

 D7F014

 EDF0D4

 D5F000

 F0F0EC

 F2F0FF

 F5F0FF

 F8F0FF

 FAF0FF

# Harmonies

## Analogous

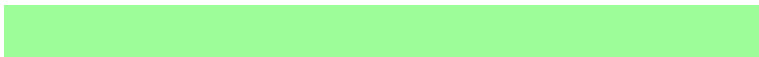
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD70



E2F074



9DFD99

# Triad

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



E2F074



00FFFF



FFB7FC

# Complementary

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



E2F074



8274F0

# 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.



FFC8FF



E2F074



46F3FF

# Square

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



E2F074



00FFFF



CEDFFF



FFB8C0

# Rectangle

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



E2F074



5FFFBE



CEDFFF



FFBBFF

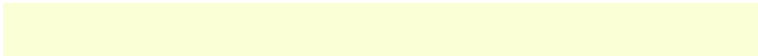


# Sweetspot

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



E2F074



FAFFD6



F08074



7D8067



000000



808080



# Same Dimension

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



E2F074



EDFF61



A6F074



76786C



A3B800



323800



# Inverse Universe

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



8274F0



7361FF



BE74F0



6D6C78



1500B8

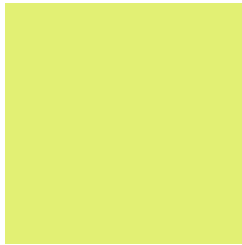


060038



# Previews

## White Background



This preview shows how the Hex color E2F074 looks on a white background.

## Color Contrast Check

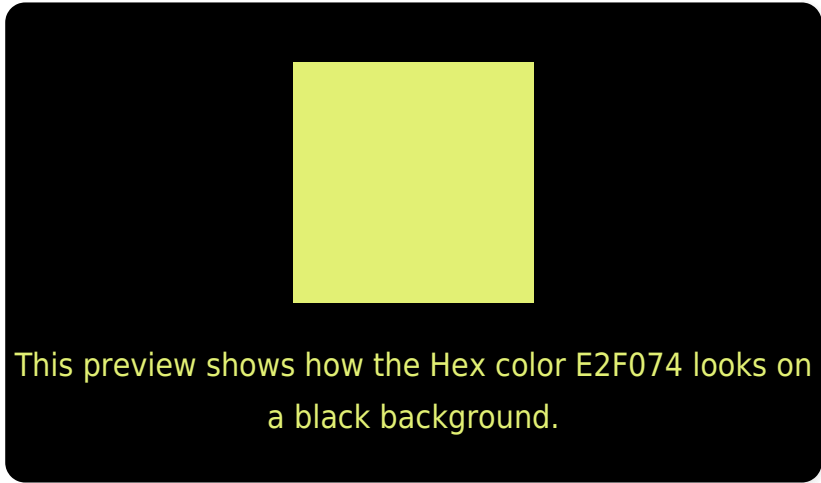
Large Text (above 18pt) WCAG AA × Fail

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 E2F074 Background



This preview shows how black text looks on a background with the Hex color E2F074.

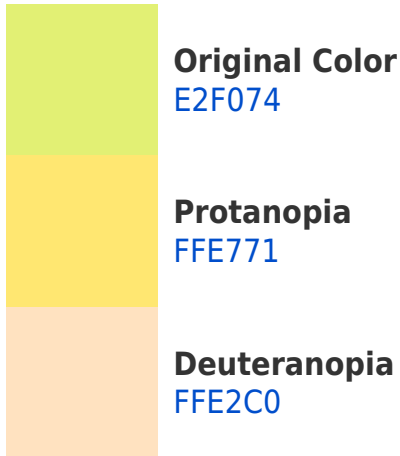


This preview shows how white text looks on a background with the Hex color E2F074.

# 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](#).

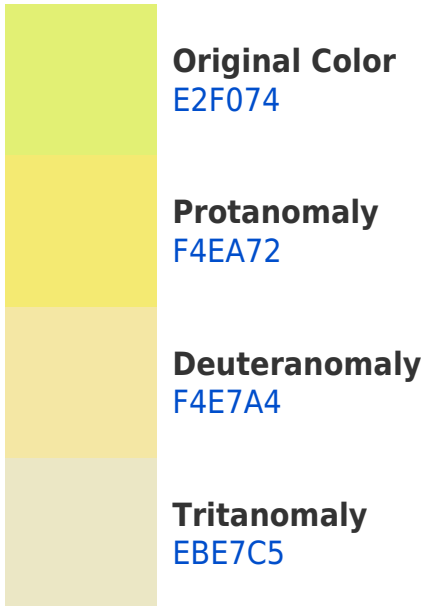
## Dichromacy





**Tritanopia**  
F0E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2F074 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 #E2F074 looks like.

```
.text, #text, p{  
    color:#E2F074  
}
```

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 #E2F074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2F074
}
```

## Border

The CSS property to change the border of an element to Hex E2F074 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
#E2F074 }
```

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

```
.border{ border-color:#E2F074 }
```

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

Here you see how a box with a 4 pixel #E2F074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2F074; -webkit-box-shadow:4px 4px  
4px 4px #E2F074; box-shadow:4px 4px 4px  
4px #E2F074 }
```

# Background

The CSS property to change the background color of an element to Hex E2F074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2F074 }
```

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

```
.background{ background-color:#E2F074 }
```

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