

# Converting Colors

Hex(FFF973)

Have a look what the booklet for  
Hex(FFF973) contains.

<b>Hex(FFF973)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(FFF973)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF973
RGB	255, 249, 115
RGB Percent	100%, 98%, 45%
CMY	0.0000, 0.0235, 0.5490
CMYK	0.00, 0.02, 0.55, 0.00
HSL	57°, 100%, 73%
HSV	57°, 55%, 100%
XYZ	78.2102, 90.2492, 29.5174
YIQ	235.5180, 46.5900, -40.4020

# Conversions

## Conversions Part 2

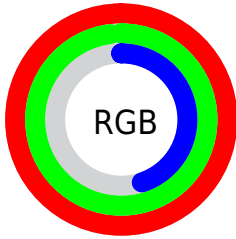
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 255, 115
Decimal	16775539
CIE <sub>Lab</sub>	96.10, -14.65, 63.84
CIE <sub>LCh</sub>	96, 65.496, 102.927
Yxy	90.2492, 0.3950, 0.4559
Android (android.graphics.Color)	4294965619 (0xFFFFF973)
YUV	235.5180, -59.4154, 17.0857
Hunter-Lab	94.9996, -19.2957, 48.0777

# Details

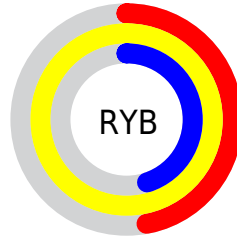
The Hex color **FFF973** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7379FF**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFAB**, and **C4C13C** is the 20% darker color. If you saturate the color by 10%, you get **FFF85A**, and if you desaturate by 10%, it is **FFFA8D**.

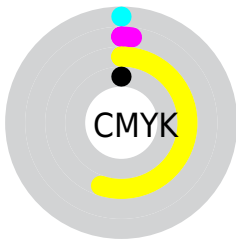
# Distribution



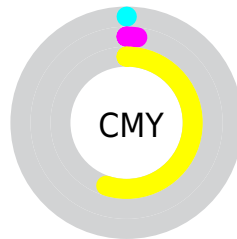
- Red (100%)
- Green (98%)
- Blue (45%)



- Red (47%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (2%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF973 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 FFF973 by changing the saturation by 10% instead.



 FFF973

 FFF973

FFFFFF

 E1DD58

 FFFFAB

 C4C13C

 FFFFC7

 A7A61C

 FFFFE4

 8A8C00

 6F7200

 545A00

 394300

 202D00

 001900

 FFF973

 FFF973

 FFF85A

 FFFA8D

 FFF740

 FFFBA6

 FFF626

 FFFCC0

 FFF50D

 FFFDD9

 FFF400

 FFFE3

FFFFFF

# Harmonies

## Analogous

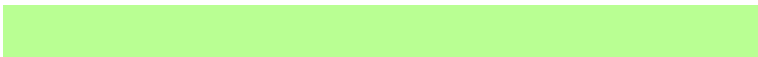
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE379



FFF973



B9FF93

# Triad

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



FFF973



00FFFF



FFC4FF

# Complementary

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



FFF973



7379FF

# 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



FFF973



00FFFF

# Square

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



FFF973



00FFFF



BBF1FF



FFBFDB

# Rectangle

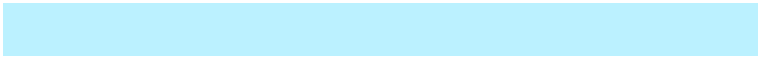
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF973



7DFFB8



BBF1FF



FFC9FF



# Sweetspot

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



FFF973



FFFDD6



FF737A



807E67



000000



808080



# Same Dimension

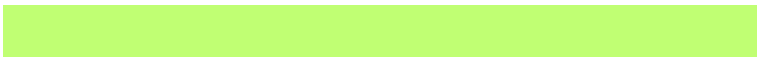
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFF973



FFF857



C0FF73



807F73



BFB700



403D00



# Inverse Universe

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



7379FF



575EFF



B273FF



737380



0008BF

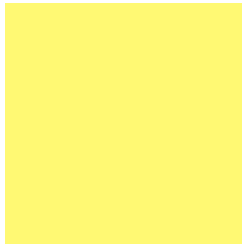


000340



# Previews

## White Background



This preview shows how the Hex color FFF973 looks on a white background.

## Color Contrast Check

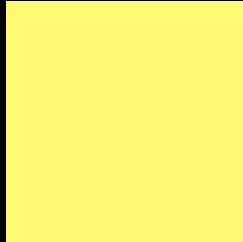
Large Text (above 18pt) WCAG AA × Fail

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 FFF973 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 FFF973 Background



This preview shows how black text looks on a background with the Hex color FFF973.

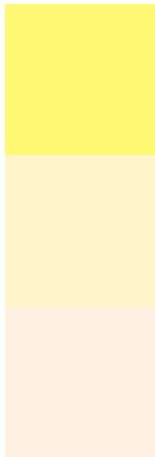


This preview shows how white text looks on a background with the Hex color FFF973.

# 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**  
FFF973

**Protanopia**  
FFF4CA

**Deuteranopia**  
FFF2E3



**Tritanopia**  
FFF0F8

# Trichromacy



**Original Color**  
FFF973



**Protanomaly**  
FFF6AA



**Deuteranomaly**  
FFF5BA

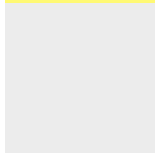


**Tritanomaly**  
FFF3C8

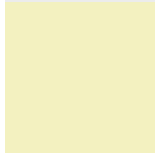
# Monochromacy



**Original Color**  
FFF973



**Achromatopsia**  
ECECEC



**Achromatomaly**  
F3F1C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF973 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 #FFF973 looks like.

```
.text, #text, p{  
    color:#FFF973  
}
```

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 #FFF973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF973  
}
```

## Border

The CSS property to change the border of an element to Hex FFF973 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  
#FFF973 }
```

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

```
.border{ border-color:#FFF973 }
```

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

Here you see how a box with a 4 pixel #FFF973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF973; -webkit-box-shadow:4px 4px  
4px 4px #FFF973; box-shadow:4px 4px 4px  
4px #FFF973 }
```

# Background

The CSS property to change the background color of an element to Hex FFF973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF973 }
```

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

```
.background{ background-color:#FFF973 }
```

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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