

# Converting Colors

Hex(FFF854)

Have a look what the booklet for  
Hex(FFF854) contains.

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**Color**

**Hex(FFF854)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF854
RGB	255, 248, 84
RGB Percent	100%, 97%, 33%
CMY	0.0000, 0.0275, 0.6706
CMYK	0.00, 0.03, 0.67, 0.00
HSL	58°, 100%, 66%
HSV	58°, 67%, 100%
XYZ	76.4076, 89.0349, 21.5458
YIQ	231.3970, 56.8160, -49.5200

# Conversions

## Conversions Part 2

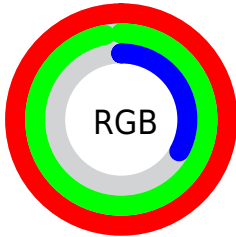
Format	Color
R <sub>Y</sub> B	91, 255, 84
Decimal	16775252
CIE Lab	95.60, -16.10, 75.86
CIE LCh	96, 77.549, 101.984
Yxy	89.0349, 0.4086, 0.4762
Android (android.graphics.Color)	4294965332 (0xFFFFF854)
YUV	231.3970, -72.6667, 20.6998
Hunter-Lab	94.3583, -20.5848, 52.5125

# Details

The Hex color **FFF854** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **545BFF**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFF8E**, and **C3C007** is the 20% darker color. If you saturate the color by 10%, you get **FFF73A**, and if you desaturate by 10%, it is **FFF96D**.

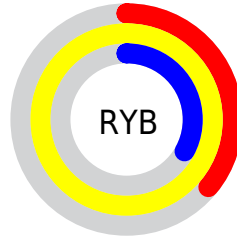
# Distribution



Red (100%)

Green (97%)

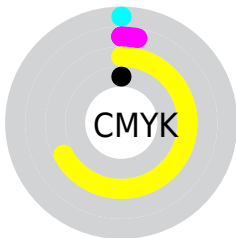
Blue (33%)



Red (36%)

Yellow (100%)

Blue (33%)

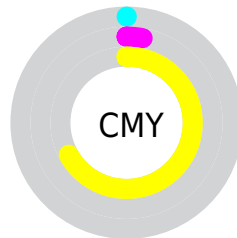


Cyan (0%)

Magenta (3%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF854 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 FFF854 by changing the saturation by 10% instead.



 FFF854

 FFF854

FFFFFF

 E1DC35

 FFFF8E

 C3C007

 FFFF8A

 A5A500

 FFFFC7

 888B00

 FFFF85

 6C7100

 505900

 354200

 1C2C00

 001900

 FFF854

 FFF854

 FFF73A

 FFF96D

 FFF621

 FFFA87

 FFF508

 FFFBA1

 FFF500

 FFFCBA

 FFFDD3

 FFFEED

FFFFFF

# Harmonies

## Analogous

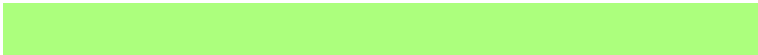
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDE5F



FFF854



ACFF7D

# Triad

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



FFF854



00FFFF



FFB6FF

# Complementary

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



FFF854



545BFF

# 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.



FFD2FF



FFF854



00FFFF

# Square

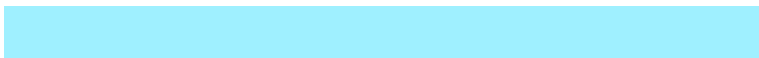
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF854



00FFFF



9FF0FF



FFAFD7

# Rectangle

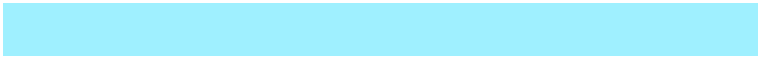
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF854



5BFFA8



9FF0FF



FFBEFF



# Sweetspot

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



FFF854



FFFDCC



FF545D



807E61



000000



808080



# Same Dimension

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



FFF854



FFF733



B2FF54



807F73



BFB700



403D00



# Inverse Universe

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



545BFF



333BFF



A154FF



737380



0008BF

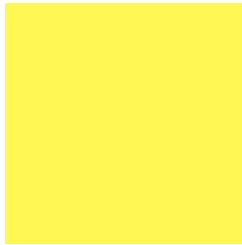


000340



# Previews

## White Background



This preview shows how the Hex color FFF854 looks on a white background.

## Color Contrast Check

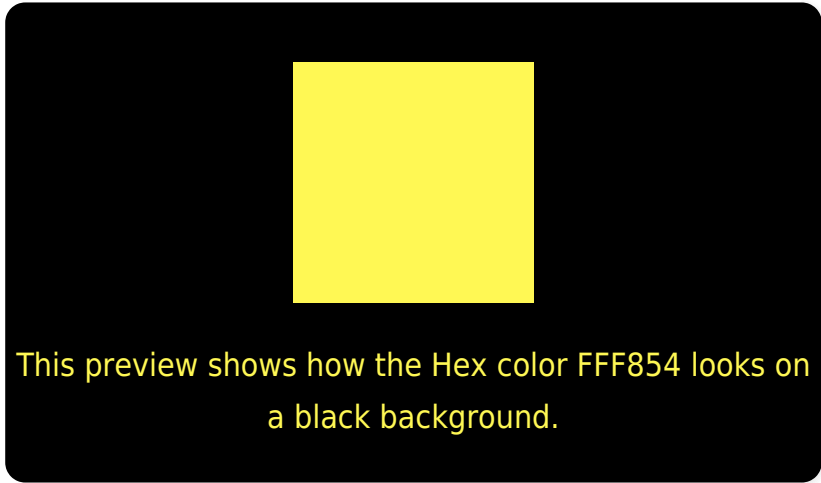
Large Text (above 18pt) WCAG AA × Fail

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 FFF854 Background



This preview shows how black text looks on a background with the Hex color FFF854.

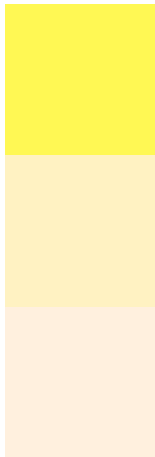


This preview shows how white text looks on a background with the Hex color FFF854.

# 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**  
FFF854

**Protanopia**  
FFF2C2

**Deuteranopia**  
FFF0DE

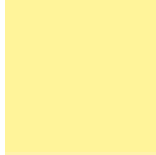


**Tritanopia**  
FFEEF6

# Trichromacy



**Original Color**  
FFF854



**Protanomaly**  
FFF49A



**Deuteranomaly**  
FFF3AC

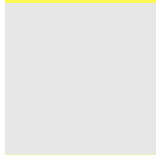


**Tritanomaly**  
FFF2BB

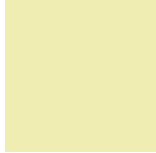
# Monochromacy



**Original Color**  
FFF854



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
F0EDB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF854 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 #FFF854 looks like.

```
.text, #text, p{  
    color:#FFF854  
}
```

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 #FFF854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF854
}
```

## Border

The CSS property to change the border of an element to Hex FFF854 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
#FFF854 }
```

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

```
.border{ border-color:#FFF854 }
```

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

Here you see how a box with a 4 pixel #FFF854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF854; -webkit-box-shadow:4px 4px  
4px 4px #FFF854; box-shadow:4px 4px 4px  
4px #FFF854 }
```

# Background

The CSS property to change the background color of an element to Hex FFF854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF854 }
```

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

```
.background{ background-color:#FFF854 }
```

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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