

Converting Colors

Hex(FFE854)

Have a look what the booklet for
Hex(FFE854) contains.

Hex(FFE854)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFE854)

Conversions

Conversions Part 1

Format	Color
Hex	FFE854
RGB	255, 232, 84
RGB Percent	100%, 91%, 33%
CMY	0.0000, 0.0902, 0.6706
CMYK	0.00, 0.09, 0.67, 0.00
HSL	52°, 100%, 66%
HSV	52°, 67%, 100%
XYZ	71.6968, 79.6133, 19.9756
YIQ	222.0050, 61.2160, -41.1520

Conversions

Conversions Part 2

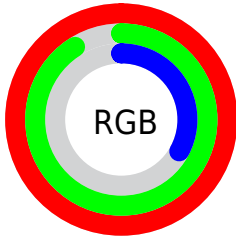
Format	Color
R _Y B	111, 255, 84
Decimal	16771156
CIE Lab	91.51, -8.26, 71.72
CIE LCh	92, 72.195, 96.567
Yxy	79.6133, 0.4186, 0.4648
Android (android.graphics.Color)	4294961236 (0xFFFE854)
YUV	222.0050, -68.0365, 28.9366
Hunter-Lab	89.2263, -12.7142, 49.1848

Details

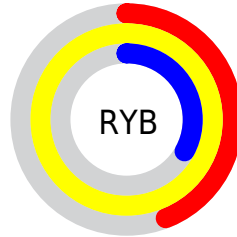
The Hex color **FFE854** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **546BFF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFF8C**, and **C3B110** is the 20% darker color. If you saturate the color by 10%, you get **FFE53A**, and if you desaturate by 10%, it is **FFEB6D**.

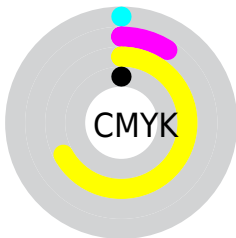
Distribution



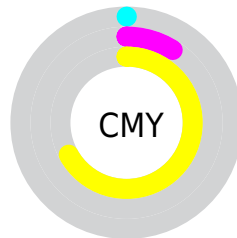
- Red (100%)
- Green (91%)
- Blue (33%)



- Red (44%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE854 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 FFE854 by changing the saturation by 10% instead.

 FFE854

 FFE854

FFFFFF

 E1CC36

 FFFF8C

 C3B110

 FFFFA9

 A59600

 FFFFC5

 887D00

 FFFF E3

 6D6400

 514C00

 363600

 1D2100

 000A00

 FFE854

 FFE854

 FFE53A

 FFE66D

 FFE121

 FFEF87

 FFDE08

 FFF2A1

 FFDD00

 FFF6BA

 FFF9D3

 FFFDED

FFFFFF

Harmonies

Analogous

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



FFCF65



FFE854



B6FA71

Triad

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



FFE854



00FFFF



FFB4FF

Complementary

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



FFE854



546BFF

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.



FFCEFF



FFE854



00DFFF

Square

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



FFE854



00FFF4



7EE9FF



FFA9DA

Rectangle

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



FFE854



76FF97



7EE9FF



FFBCFF

Sweetspot

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



FFE854



FFF8CC



FF546E



807B61



000000



808080

Same Dimension

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



FFE854



FFE433



C3FF54



807E73



BFA600



403700

Inverse Universe

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



546BFF



334EFF



9054FF



737480



001ABF



000940

Previews

White Background



This preview shows how the Hex color FFE854 looks on a white background.

Color Contrast Check

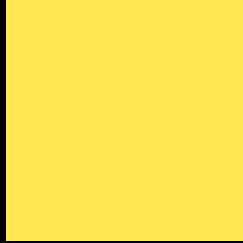
Large Text (above 18pt) WCAG AA × Fail

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 FFE854 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 FFE854 Background



This preview shows how black text looks on a background with the Hex color FFE854.

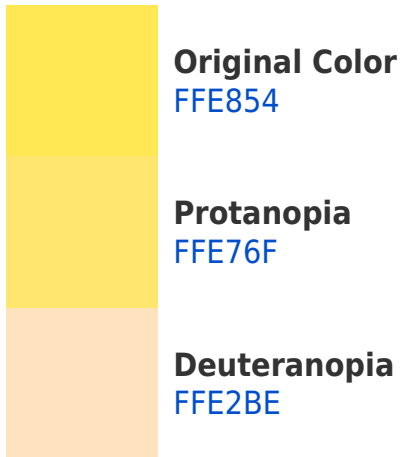


This preview shows how white text looks on a background with the Hex color FFE854.

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](#).

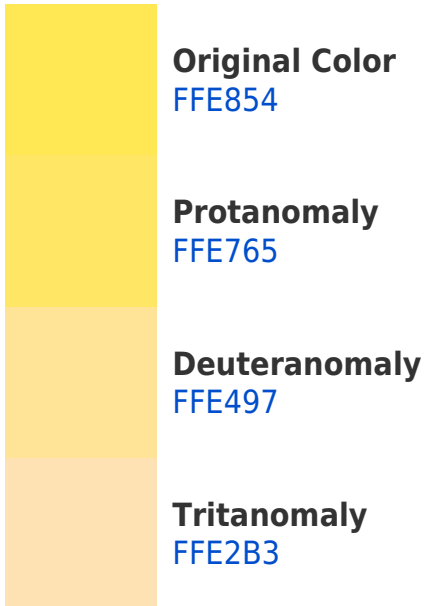
Dichromacy



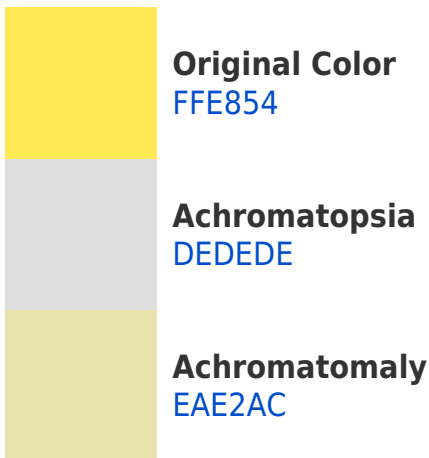


Tritanopia
FFDEE9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFE854 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 #FFE854 looks like.

```
.text, #text, p{  
    color:#FFE854  
}
```

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 #FFE854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE854
}
```

Border

The CSS property to change the border of an element to Hex FFE854 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
#FFE854 }
```

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

```
.border{ border-color:#FFE854 }
```

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

Here you see how a box with a 4 pixel #FFE854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE854; -webkit-box-shadow:4px 4px  
4px 4px #FFE854; box-shadow:4px 4px 4px  
4px #FFE854 }
```

Background

The CSS property to change the background color of an element to Hex FFE854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE854 }
```

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

```
.background{ background-color:#FFE854 }
```

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