

# Converting Colors

Hex(FFE354)

Have a look what the booklet for  
Hex(FFE354) contains.

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**Color**

**Hex(FFE354)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE354
RGB	255, 227, 84
RGB Percent	100%, 89%, 33%
CMY	0.0000, 0.1098, 0.6706
CMYK	0.00, 0.11, 0.67, 0.00
HSL	50°, 100%, 66%
HSV	50°, 67%, 100%
XYZ	70.3093, 76.8383, 19.5131
YIQ	219.0700, 62.5910, -38.5370

# Conversions

## Conversions Part 2

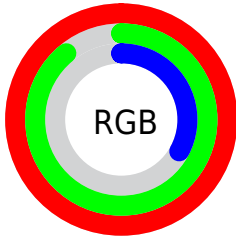
Format	Color
R <sub>Y</sub> B	117, 255, 84
Decimal	16769876
CIE Lab	90.25, -5.76, 70.43
CIE LCh	90, 70.661, 94.679
Yxy	76.8383, 0.4219, 0.4610
Android (android.graphics.Color)	4294959956 (0xFFFFE354)
YUV	219.0700, -66.5895, 31.5106
Hunter-Lab	87.6574, -10.2271, 48.1619

# Details

The Hex color **FFE354** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **5470FF**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF8C**, and **C3AC12** is the 20% darker color. If you saturate the color by 10%, you get **FFDF3A**, and if you desaturate by 10%, it is **FFE76D**.

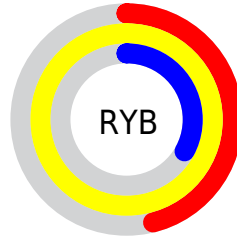
# Distribution



Red (100%)

Green (89%)

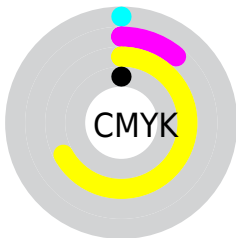
Blue (33%)



Red (46%)

Yellow (100%)

Blue (33%)

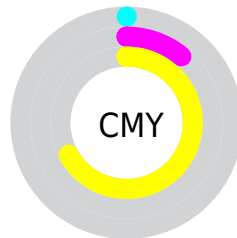


Cyan (0%)

Magenta (11%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE354 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 FFE354 by changing the saturation by 10% instead.



 FFE354

 FFE354

FFFFFF

 E1C737


 FFFF8C

 C3AC12

 FFFFA8

 A59200

 FFFFC5

 887800

 FFFF E2

 6D6000

 514800

 363200

 1E1D00

 000200

 FFE354

 FFE354

 FFDF3A

 FFE76D

 FFDB21

 FFE87

 FFD608

 FFF0A1

 FFD500

 FFF4BA

 FFF8D3

 FFFCED

FFFFFF

# Harmonies

## Analogous

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



FFCA67



FFE354



B9F56E

# Triad

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



FFE354



00FFFF



FFB3FF

# Complementary

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



FFE354



5470FF

# 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.



F5CDFF



FFE354



00F9FF

# Square

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



FFE354



00FFEC



72E7FF



FFA7DB

# Rectangle

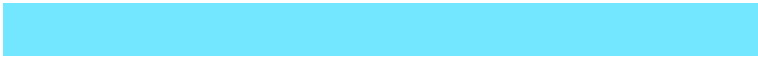
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE354



7DFD91



72E7FF



FFBBFF



# Sweetspot

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



FFE354



FFF7CC



FF5471



807A61



000000



808080



# Same Dimension

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



FFE354



FFDE33



C6FF54



807D73



BFA000



403500



# Inverse Universe

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



5470FF



3354FF



8D54FF



737580



001FBF



000A40



# Previews

## White Background



This preview shows how the Hex color FFE354 looks on a white background.

## Color Contrast Check

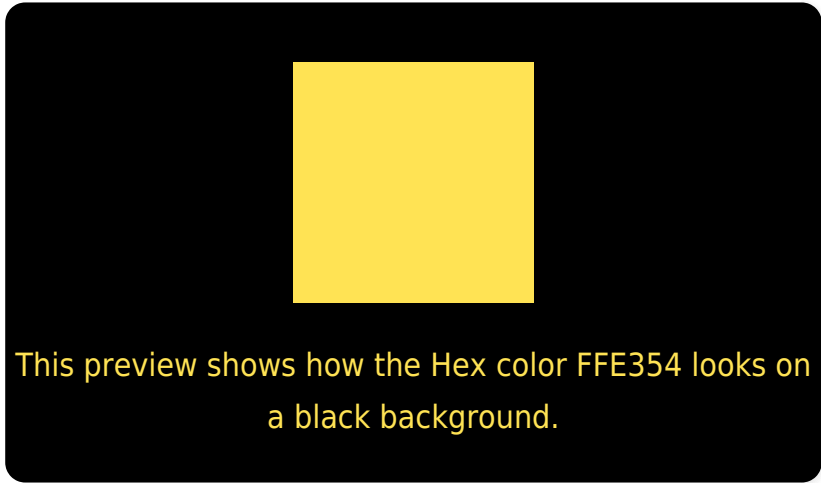
Large Text (above 18pt) WCAG AA × Fail

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 FFE354 Background



This preview shows how black text looks on a background with the Hex color FFE354.



This preview shows how white text looks on a background with the Hex color FFE354.

# 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**  
FFE354

**Protanopia**  
FEE454

**Deuteranopia**  
FFDEB3



**Tritanopia**  
FFD9E4

# Trichromacy



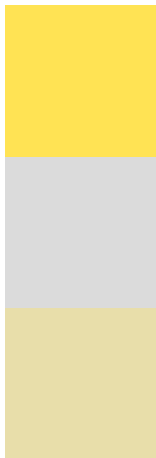
**Original Color**  
FFE354

**Protanomaly**  
FEE454

**Deuteranomaly**  
FFE090

**Tritanomaly**  
FFDDB0

# Monochromacy



**Original Color**  
FFE354

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
E8DEAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE354 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 #FFE354 looks like.

```
.text, #text, p{  
    color:#FFE354  
}
```

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 #FFE354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE354
}
```

## Border

The CSS property to change the border of an element to Hex FFE354 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
#FFE354 }
```

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

```
.border{ border-color:#FFE354 }
```

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

Here you see how a box with a 4 pixel #FFE354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE354; -webkit-box-shadow:4px 4px  
4px 4px #FFE354; box-shadow:4px 4px 4px  
4px #FFE354 }
```

# Background

The CSS property to change the background color of an element to Hex FFE354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE354 }
```

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

```
.background{ background-color:#FFE354 }
```

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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