

# Converting Colors

Hex(FFE455)

Have a look what the booklet for  
Hex(FFE455) contains.

<b>Hex(FFE455)</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(FFE455)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE455
RGB	255, 228, 85
RGB Percent	100%, 89%, 33%
CMY	0.0000, 0.1059, 0.6667
CMYK	0.00, 0.11, 0.67, 0.00
HSL	50°, 100%, 67%
HSV	50°, 67%, 100%
XYZ	70.6231, 77.4027, 19.8123
YIQ	219.7710, 61.9950, -38.7490

# Conversions

## Conversions Part 2

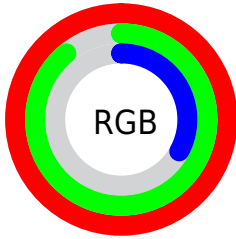
Format	Color
<a href="#">RYB</a>	<a href="#">117, 255, 85</a>
Decimal	<a href="#">16770133</a>
CIELab	<a href="#">90.51, -6.21, 70.30</a>
CIELCh	<a href="#">91, 70.573, 95.049</a>
Yxy	<a href="#">77.4027, 0.4208, 0.4612</a>
Android (android.graphics.Color)	<a href="#">4294960213 (0xFFFFE455)</a>
YUV	<a href="#">219.7710, -66.4421, 30.8958</a>
Hunter-Lab	<a href="#">87.9788, -10.6758, 48.2334</a>

# Details

The Hex color **FFE455** 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 **5570FF**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF8D**, and **C3AD14** is the 20% darker color. If you saturate the color by 10%, you get **FFE03B**, and if you desaturate by 10%, it is **FFE86E**.

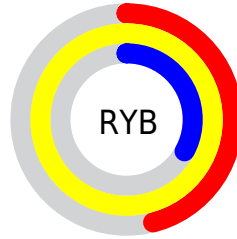
# Distribution



Red (100%)

Green (89%)

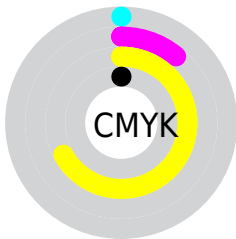
Blue (33%)



Red (46%)

Yellow (100%)

Blue (33%)

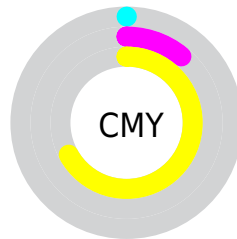


Cyan (0%)

Magenta (11%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE455 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 FFE455 by changing the saturation by 10% instead.



 FFE455

 FFE455

FFFFFF

 E1C838

 FFFF8D

 C3AD14

 FFFFA9

 A59300

 FFFFC6

 887900

 FFFF3

 6D6100

 514900

 363300

 1E1E00

 000300

 FFE455

 FFE455

 FFE03B

 FFE86E

 FFDC22

 FFEC88

 FFD808

 FFF0A2

 FFD600

 FFF4BB

 FFF8D4

 FFFCEE

FFFFFF

# Harmonies

## Analogous

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



FFCC68



FFE455



B8F66F

# Triad

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



FFE455



00FFFF



FFB3FF

# Complementary

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



FFE455



5570FF

# 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.



F7CDFD



FFE455



00FAFF

# Square

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



FFE455



00FFEE



76E7FF



FFA8DB

# Rectangle

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



FFE455



7CFE93



76E7FF



FFBBFF



# Sweetspot

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



FFE455



FFF7CC



FF5571



807B61



000000



808080



# Same Dimension

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



FFE455



FFDF33



C6FF55



807D73



BFA100



403600



# Inverse Universe

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



5570FF



3353FF



8E55FF



737580



001EBF



000A40



# Previews

## White Background



This preview shows how the Hex color FFE455 looks on a white background.

## Color Contrast Check

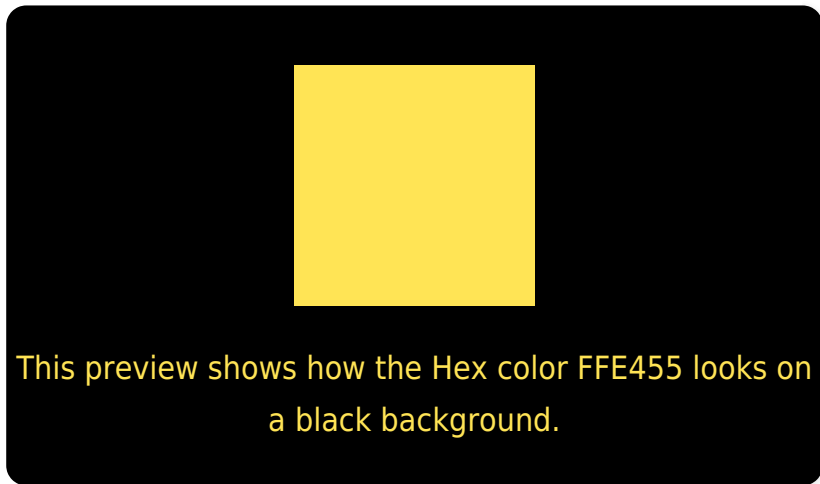
Large Text (above 18pt) WCAG AA × Fail

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 FFE455 Background



This preview shows how black text looks on a background with the Hex color FFE455.

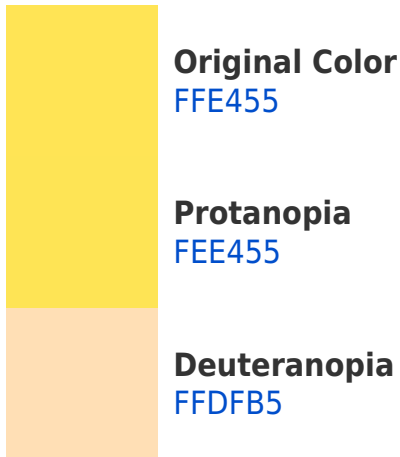


This preview shows how white text looks on a background with the Hex color FFE455.

# Color Blindness Simulation

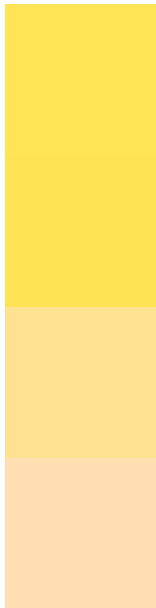
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



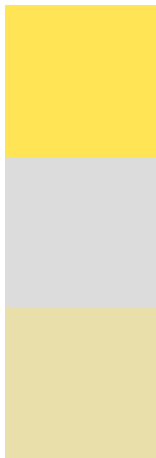
**Original Color**  
FFE455

**Protanomaly**  
FEE455

**Deuteranomaly**  
FFE192

**Tritanomaly**  
FFDEB1

# Monochromacy



**Original Color**  
FFE455

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
E9DFAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE455 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 #FFE455 looks like.

```
.text, #text, p{  
    color:#FFE455  
}
```

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 #FFE455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE455 }  
}
```

## Border

The CSS property to change the border of an element to Hex FFE455 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 #FFE455 }  
}
```

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

```
.border{ border-color:#FFE455 }
```

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

Here you see how a box with a 4 pixel #FFE455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE455; -webkit-box-shadow:4px 4px  
4px 4px #FFE455; box-shadow:4px 4px 4px  
4px #FFE455 }
```

# Background

The CSS property to change the background color of an element to Hex FFE455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE455 }
```

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

```
.background{ background-color:#FFE455 }
```

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