

# Converting Colors

Hex(FFE451)

Have a look what the booklet for  
Hex(FFE451) contains.

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# **Color**

**Hex(FFE451)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE451
RGB	255, 228, 81
RGB Percent	100%, 89%, 32%
CMY	0.0000, 0.1059, 0.6824
CMYK	0.00, 0.11, 0.68, 0.00
HSL	51°, 100%, 66%
HSV	51°, 68%, 100%
XYZ	70.4686, 77.3409, 18.9988
YIQ	219.3150, 63.2790, -39.9930

# Conversions

## Conversions Part 2

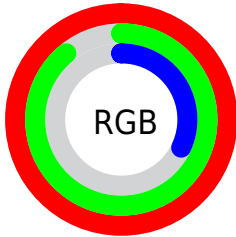
Format	Color
<a href="#">RYB</a>	<a href="#">113, 255, 81</a>
Decimal	<a href="#">16770129</a>
CIELab	<a href="#">90.48, -6.42, 71.82</a>
CIELCh	<a href="#">90, 72.110, 95.107</a>
Yxy	<a href="#">77.3409, 0.4225, 0.4637</a>
Android (android.graphics.Color)	<a href="#">4294960209</a> ( <a href="#">0xFFFFE451</a> )
YUV	<a href="#">219.3150, -68.1893, 31.2957</a>
Hunter-Lab	<a href="#">87.9437, -10.8707, 48.7519</a>

# Details

The Hex color **FFE451** 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 **516CFF**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF89**, and **C3AD09** is the 20% darker color. If you saturate the color by 10%, you get **FFE038**, and if you desaturate by 10%, it is **FFE86A**.

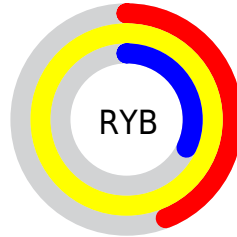
# Distribution



Red (100%)

Green (89%)

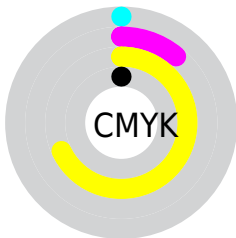
Blue (32%)



Red (44%)

Yellow (100%)

Blue (32%)

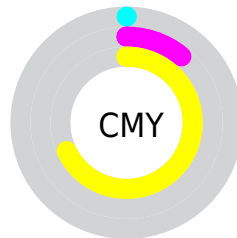


Cyan (0%)

Magenta (11%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE451 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 FFE451 by changing the saturation by 10% instead.



 FFE451

 FFE451

FFFFFF

 E1C833

 FFFF89

 C3AD09

 FFFFA6

 A59300

 FFFFC2

 887900

 FFFFEO

 6C6100

FFFFFFD

 504900

 363300

 1D1E00

 000300

 FFE451

 FFE451

 FFE038

 FFE86A

 FFDC1E

 FFEC84

 FFD805

 FFF09E

 FFD700

 FFF4B7

 FFF8D1

 FFFCEA

FFFFFF

# Harmonies

## Analogous

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



FFCB65



FFE451



B7F66C

# Triad

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



FFE451



00FFFF



FFB2FF

# Complementary

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



FFE451



516CFF

# 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.



F7CDFE



FFE451



00FAFF

# Square

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



FFE451



00FFEE



71E7FF



FFA6DB

# Rectangle

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



FFE451



79FF91



71E7FF



FFBAFF



# Sweetspot

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



FFE451



FFF7CC



FF516E



807B61



000000



808080



# Same Dimension

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



FFE451



FFDF2E



C5FF51



807E73



BFA200



403600



# Inverse Universe

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



516CFF



2E4EFF



8B51FF



737580



001EBF



000A40



# Previews

## White Background



This preview shows how the Hex color FFE451 looks on a white background.

## Color Contrast Check

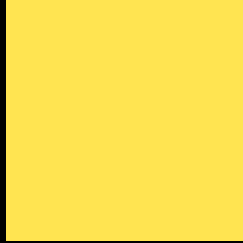
Large Text (above 18pt) WCAG AA × Fail

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 FFE451 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 FFE451 Background



This preview shows how black text looks on a background with the Hex color FFE451.

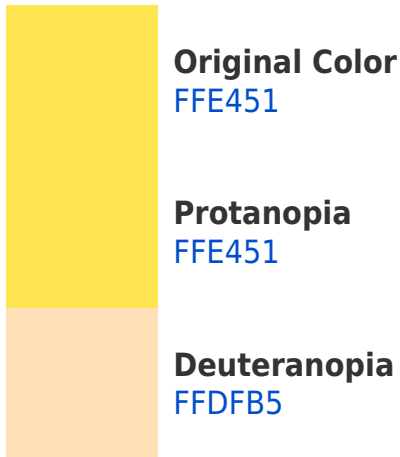


This preview shows how white text looks on a background with the Hex color FFE451.

# Color Blindness Simulation

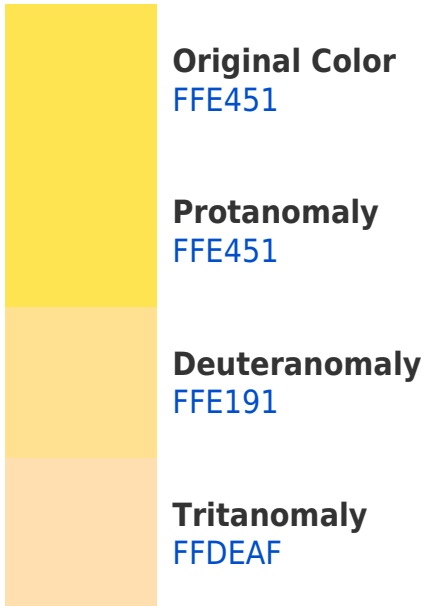
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

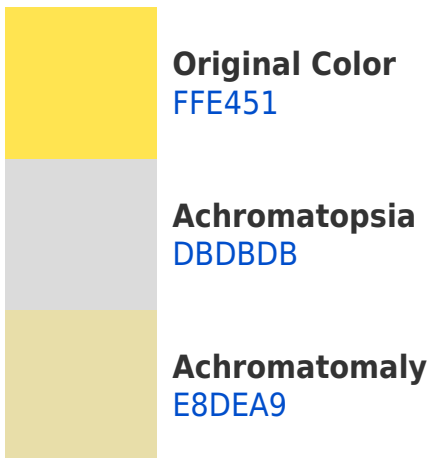




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE451 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 #FFE451 looks like.

```
.text, #text, p{  
    color:#FFE451  
}
```

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 #FFE451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE451
}
```

## Border

The CSS property to change the border of an element to Hex FFE451 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
#FFE451 }
```

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

```
.border{ border-color:#FFE451 }
```

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

Here you see how a box with a 4 pixel #FFE451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE451; -webkit-box-shadow:4px 4px  
4px 4px #FFE451; box-shadow:4px 4px 4px  
4px #FFE451 }
```

# Background

The CSS property to change the background color of an element to Hex FFE451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE451 }
```

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

```
.background{ background-color:#FFE451 }
```

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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