

# Converting Colors

Hex(FFE041)

Have a look what the booklet for  
Hex(FFE041) contains.

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**Color**

**Hex(FFE041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE041
RGB	255, 224, 65
RGB Percent	100%, 88%, 25%
CMY	0.0000, 0.1216, 0.7451
CMYK	0.00, 0.12, 0.75, 0.00
HSL	50°, 100%, 63%
HSV	50°, 75%, 100%
XYZ	68.8498, 74.9530, 15.8396
YIQ	215.1430, 69.5150, -42.8770

# Conversions

## Conversions Part 2

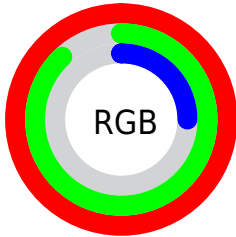
Format	Color
R <sub>Y</sub> B	102, 255, 65
Decimal	16769089
CIE Lab	89.37, -5.14, 76.49
CIE LCh	89, 76.660, 93.843
Yxy	74.9530, 0.4313, 0.4695
Android (android.graphics.Color)	4294959169 (0xFFFFE041)
YUV	215.1430, -74.0205, 34.9546
Hunter-Lab	86.5754, -9.5533, 49.7552

# Details

The Hex color **FFE041** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4160FF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF7B**, and **C2A900** is the 20% darker color. If you saturate the color by 10%, you get **FFDC27**, and if you desaturate by 10%, it is **FFE45A**.

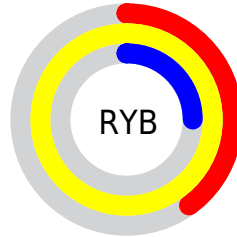
# Distribution



Red (100%)

Green (88%)

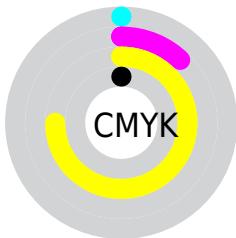
Blue (25%)



Red (40%)

Yellow (100%)

Blue (25%)

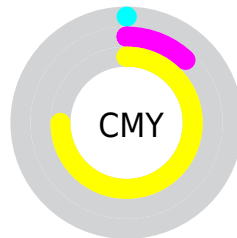


Cyan (0%)

Magenta (12%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE041 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 FFE041 by changing the saturation by 10% instead.



 FFE041

 FFE041

FFFFFF

 E0C41E

 FFFF7B

 C2A900

 FFFF98

 A48F00

 FFFFB5

 877600

 FFFFFD2

 6B5D00

 FFFFEF

 4F4600

 353000

 1C1C00

 000000

 FFE041

 FFE041

 FFDC27

 FFE45A

 FFD80E

 FFE874

 FFD500

 FFEC8E

 FFF1A7

 FFF5C1

 FFF9DA

 FFFDF3

FFFFFF

# Harmonies

## Analogous

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



FFC55A



FFE041



B3F45E

# Triad

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



FFE041



00FFFF



FFABFF

# Complementary

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



FFE041



4160FF

# 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.



F0C9FF



FFE041



00F9FF

# Square

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



FFE041



00FFE8



4AE6FF



FF9DDA

# Rectangle

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



FFE041



70FC86



4AE6FF



FFB5FF



# Sweetspot

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



FFE041



FFF6C7



FF4161



807A5E



000000



808080



# Same Dimension

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



FFE041



FFDA1C



C0FF41



807D73



BFA000



403500



# Inverse Universe

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



4160FF



1C41FF



8041FF



737580



001FBF



000A40



# Previews

## White Background



This preview shows how the Hex color FFE041 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 FFE041 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 FFE041 Background



This preview shows how black text looks on a background with the Hex color FFE041.



This preview shows how white text looks on a background with the Hex color FFE041.

# 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**  
FFE041

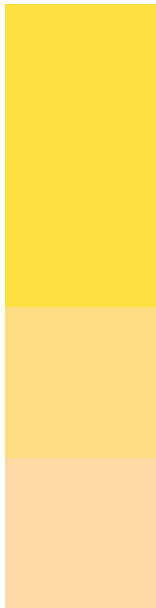
**Protanopia**  
FCE141

**Deuteranopia**  
FFDBA9



**Tritanopia**  
FFD6E1

# Trichromacy



**Original Color**  
FFE041

**Protanomaly**  
FDE141

**Deuteranomaly**  
FFDD83

**Tritanomaly**  
FDAA7

# Monochromacy



**Original Color**  
FFE041

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
E6DAA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE041 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 #FFE041 looks like.

```
.text, #text, p{  
    color:#FFE041  
}
```

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 #FFE041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE041
}
```

## Border

The CSS property to change the border of an element to Hex FFE041 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
#FFE041 }
```

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

```
.border{ border-color:#FFE041 }
```

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

Here you see how a box with a 4 pixel #FFE041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE041; -webkit-box-shadow:4px 4px  
4px 4px #FFE041; box-shadow:4px 4px 4px  
4px #FFE041 }
```

# Background

The CSS property to change the background color of an element to Hex FFE041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE041 }
```

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

```
.background{ background-color:#FFE041 }
```

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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