

# Converting Colors

Hex(FFE227)

Have a look what the booklet for  
Hex(FFE227) contains.

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**Color**

**Hex(FFE227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE227
RGB	255, 226, 39
RGB Percent	100%, 89%, 15%
CMY	0.0000, 0.1137, 0.8471
CMYK	0.00, 0.11, 0.85, 0.00
HSL	52°, 100%, 58%
HSV	52°, 85%, 100%
XYZ	68.8026, 75.7992, 12.9239
YIQ	213.3530, 77.3110, -52.0090

# Conversions

## Conversions Part 2

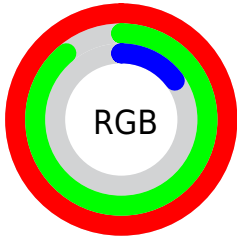
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 255, 39
Decimal	16769575
CIE <sub>Lab</sub>	89.77, -6.94, 84.07
CIE <sub>LCh</sub>	90, 84.352, 94.722
Yxy	75.7992, 0.4368, 0.4812
Android (android.graphics.Color)	4294959655 (0xFFFFE227)
YUV	213.3530, -85.9560, 36.5244
Hunter-Lab	87.0627, -11.2976, 52.1427

# Details

The Hex color **FFE227** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **2744FF**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF69**, and **C2AB00** is the 20% darker color. If you saturate the color by 10%, you get **FFDF0E**, and if you desaturate by 10%, it is **FFE541**.

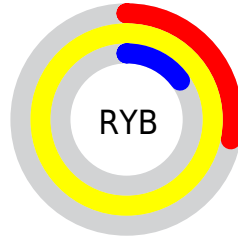
# Distribution



Red (100%)

Green (89%)

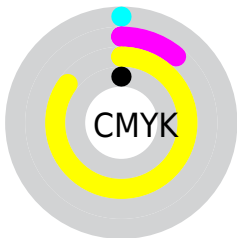
Blue (15%)



Red (28%)

Yellow (100%)

Blue (15%)

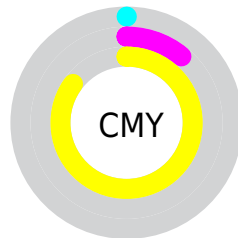


Cyan (0%)

Magenta (11%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE227 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 FFE227 by changing the saturation by 10% instead.



 FFE227

 FFE227

FFFFFF

 E0C600

 FFFF69

 C2AB00

 FFFF87

 A49100

 FFFFA4

 867700

 FFFFC1

 695F00

 FFFFDF

 4E4800

FFFFFFD

 333200

 1B1D00

 000000

 FFE227

 FFE227

 FFDF0E

 FFE541

 FFDD00

 FFE95A

 FFEC74

 FFF08D

 FFF3A7

 FFF7C0

 FFFADA

 FFFDF3

FFFFFF

# Harmonies

## Analogous

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



FFC449



FFE227



ABF751

# Triad

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



FFE227



00FFFF



FFA4FF

# Complementary

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



FFE227



2744FF

# 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.



F4C7FF



FFE227



00FCFF

# Square

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



FFE227



00FFED



00E7FF



FF93D8

# Rectangle

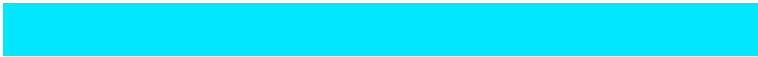
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE227



5AFF7F



00E7FF



FFAFFF



# Sweetspot

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



FFE227



FFF6BF



FF2747



807A59



000000



808080



# Same Dimension

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



FFE227



FFDD00



B3FF27



807E73



BFA600



403700



# Inverse Universe

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



2744FF



0022FF



7327FF



737480



001ABF



000940



# Previews

## White Background



This preview shows how the Hex color FFE227 looks on a white background.

## Color Contrast Check

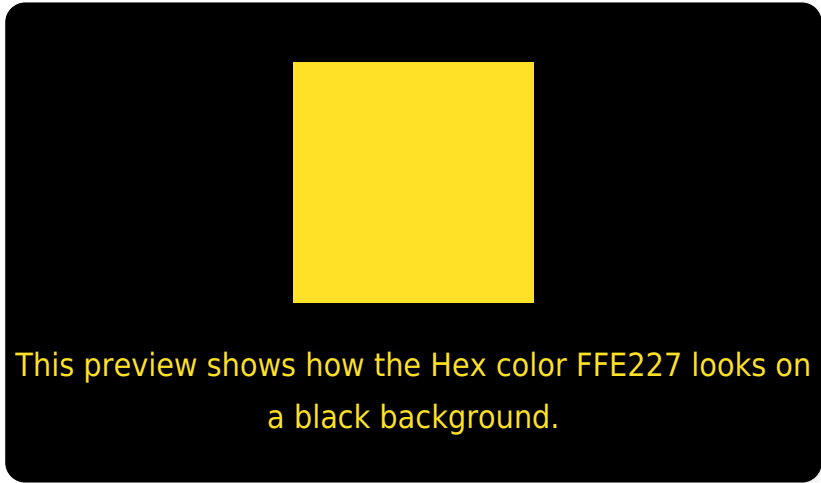
Large Text (above 18pt) WCAG AA × Fail

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 FFE227 Background



This preview shows how black text looks on a background with the Hex color FFE227.

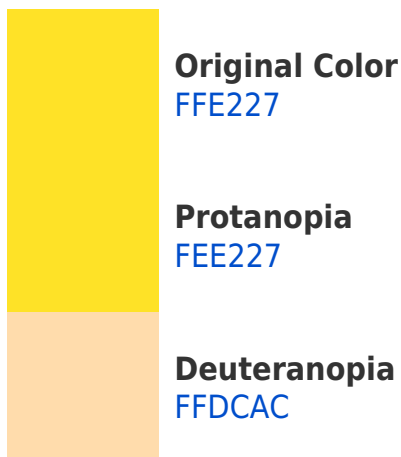


This preview shows how white text looks on a background with the Hex color FFE227.

# 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**  
FFD8E2

# Trichromacy

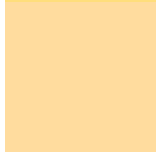


**Original Color**  
FFE227

**Protanomaly**  
FEE227



**Deuteranomaly**  
FFDE7C

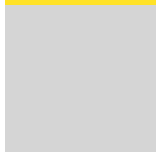


**Tritanomaly**  
FFDC9E

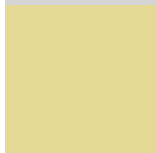
# Monochromacy



**Original Color**  
FFE227



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
E4DA96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE227 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 #FFE227 looks like.

```
.text, #text, p{  
    color:#FFE227  
}
```

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 #FFE227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE227
}
```

## Border

The CSS property to change the border of an element to Hex FFE227 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
#FFE227 }
```

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

```
.border{ border-color:#FFE227 }
```

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

Here you see how a box with a 4 pixel #FFE227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE227; -webkit-box-shadow:4px 4px  
4px 4px #FFE227; box-shadow:4px 4px 4px  
4px #FFE227 }
```

# Background

The CSS property to change the background color of an element to Hex FFE227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE227 }
```

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

```
.background{ background-color:#FFE227 }
```

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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