

# Converting Colors

Hex(FFE220)

Have a look what the booklet for  
Hex(FFE220) contains.

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**Color**

**Hex(FFE220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE220
RGB	255, 226, 32
RGB Percent	100%, 89%, 13%
CMY	0.0000, 0.1137, 0.8745
CMYK	0.00, 0.11, 0.87, 0.00
HSL	52°, 100%, 56%
HSV	52°, 87%, 100%
XYZ	68.6971, 75.7570, 12.3683
YIQ	212.5550, 79.5580, -54.1860

# Conversions

## Conversions Part 2

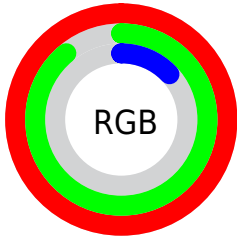
Format	Color
R <sub>Y</sub> B	65, 255, 32
Decimal	16769568
CIE Lab	89.75, -7.09, 85.46
CIE LCh	90, 85.754, 94.742
Yxy	75.7570, 0.4381, 0.4831
Android (android.graphics.Color)	4294959648 (0xFFFFE220)
YUV	212.5550, -89.0136, 37.2243
Hunter-Lab	87.0385, -11.4323, 52.5017

# Details

The Hex color **FFE220** 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 **203DFF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF65**, and **C2AB00** is the 20% darker color. If you saturate the color by 10%, you get **FFDF07**, and if you desaturate by 10%, it is **FFE539**.

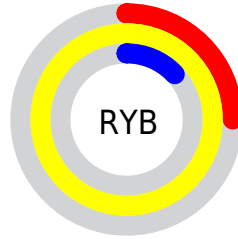
# Distribution



Red (100%)

Green (89%)

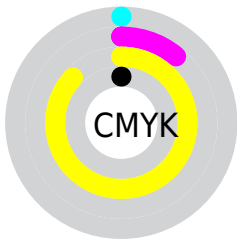
Blue (13%)



Red (25%)

Yellow (100%)

Blue (13%)

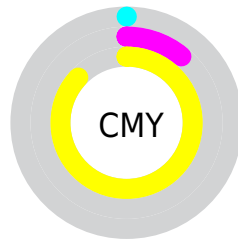


Cyan (0%)

Magenta (11%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE220 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 FFE220 by changing the saturation by 10% instead.



 FFE220

 FFE220

FFFFFF

 E0C600

 FFFF65

 C2AB00

 FFFF83

 A39100

 FFFFA0

 867700

 FFFFBE

 695F00

 FFFFDB

 4D4800

 FFFFF9

 333200

 1B1D00

 000000

 FFE220

 FFE220

 FFDF07

 FFE539

 FFDE00

 FFE953

 FFEC6C

 FFEF86

 FFF3A0

 FFF6B9

 FFF9D3

 FFFDEC

FFFFFF

# Harmonies

## Analogous

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



FFC346



FFE220



AAF74E

# Triad

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



FFE220



00FFFF



FFA2FF

# Complementary

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



FFE220



203DFF

# 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.



F4C6FF



FFE220



00FCFF

# Square

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



FFE220



00FFED



00E7FF



FF91D8

# Rectangle

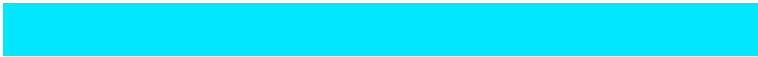
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE220



55FF7D



00E7FF



FFADFF



# Sweetspot

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



FFE220



FFF6BD



FF203E



807A58



000000



808080



# Same Dimension

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



FFE220



FFDE00



ADFF20



807E73



BFA600



403700



# Inverse Universe

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



203DFF



0021FF



7220FF



737480



0019BF



000840



# Previews

## White Background



This preview shows how the Hex color FFE220 looks on a white background.

## Color Contrast Check

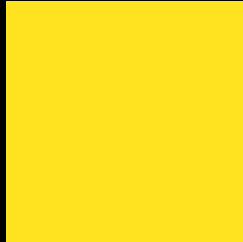
Large Text (above 18pt) WCAG AA × Fail

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 FFE220 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 FFE220 Background



This preview shows how black text looks on a background with the Hex color FFE220.



This preview shows how white text looks on a background with the Hex color FFE220.

# 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**  
FFE220

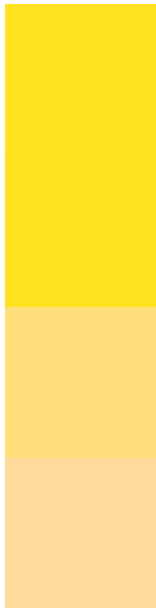
**Protanopia**  
FEE220

**Deuteranopia**  
FFDCAC



**Tritanopia**  
FFD7E2

# Trichromacy



**Original Color**  
FFE220

**Protanomaly**  
FEE220

**Deuteranomaly**  
FFDE79

**Tritanomaly**  
FFDB9B

# Monochromacy



**Original Color**  
FFE220

**Achromatopsia**  
D5D5D5

**Achromatomaly**  
E4DA93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE220 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 #FFE220 looks like.

```
.text, #text, p{  
    color:#FFE220  
}
```

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 #FFE220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE220
}
```

## Border

The CSS property to change the border of an element to Hex FFE220 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
#FFE220 }
```

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

```
.border{ border-color:#FFE220 }
```

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

Here you see how a box with a 4 pixel #FFE220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE220; -webkit-box-shadow:4px 4px  
4px 4px #FFE220; box-shadow:4px 4px 4px  
4px #FFE220 }
```

# Background

The CSS property to change the background color of an element to Hex FFE220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE220 }
```

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

```
.background{ background-color:#FFE220 }
```

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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