

# Converting Colors

Hex(FFE820)

Have a look what the booklet for  
Hex(FFE820) contains.

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**Color**

**Hex(FFE820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE820
RGB	255, 232, 32
RGB Percent	100%, 91%, 13%
CMY	0.0000, 0.0902, 0.8745
CMYK	0.00, 0.09, 0.87, 0.00
HSL	54°, 100%, 56%
HSV	54°, 87%, 100%
XYZ	70.3573, 79.0775, 12.9218
YIQ	216.0770, 77.9080, -57.3240

# Conversions

## Conversions Part 2

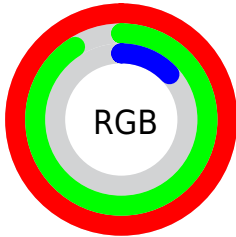
Format	Color
R <sub>Y</sub> B	58, 255, 32
Decimal	16771104
CIE Lab	91.27, -10.07, 86.66
CIE LCh	91, 87.246, 96.626
Yxy	79.0775, 0.4334, 0.4871
Android (android.graphics.Color)	4294961184 (0xFFFE820)
YUV	216.0770, -90.7500, 34.1355
Hunter-Lab	88.9255, -14.3916, 53.6325

# Details

The Hex color **FFE820** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2037FF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF66**, and **C2B100** is the 20% darker color. If you saturate the color by 10%, you get **FFE507**, and if you desaturate by 10%, it is **FFEB39**.

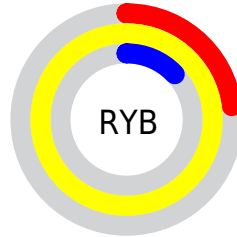
# Distribution



Red (100%)

Green (91%)

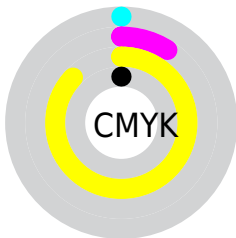
Blue (13%)



Red (23%)

Yellow (100%)

Blue (13%)

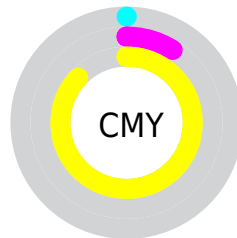


Cyan (0%)

Magenta (9%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE820 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 FFE820 by changing the saturation by 10% instead.



 FFE820

 FFE820

FFFFFF

 E0CC00

 FFFF66

 C2B100

 FFFF84

 A49600

 FFFFA2

 867D00

 FFFFBF

 696400

 FFFFDD

 4D4D00

 FFFFFB

 333600

 1A2100

 000900

 FFE820

 FFE820

 FFE507

 FFE839

 FFE500

 FFED53

 FFF06C

 FFF386

 FFF5A0

 FFF8B9

 FFFAD3

 FFFDEC

FFFFFF

# Harmonies

## Analogous

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



FFC943



FFE820



A6FD53

# Triad

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



FFE820



00FFFF



FFA3FF

# Complementary

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



FFE820



2037FF

# 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.



FFC7FF



FFE820



00FFFF

# Square

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



FFE820



00FFF7



2AEAFF



FF94D7

# Rectangle

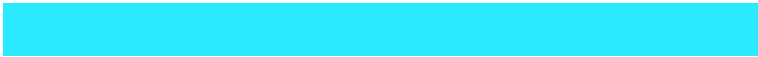
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE820



49FF85



2AEAFF



FFAEFF



# Sweetspot

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



FFE820



FFF8BD



FF203A



807B58



000000



808080



# Same Dimension

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



FFE820



FFE500



AAFF20



807E73



BFAC00



403900



# Inverse Universe

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



2037FF



001AFF



7520FF



737480



0014BF



000740



# Previews

## White Background



This preview shows how the Hex color FFE820 looks on a white background.

## Color Contrast Check

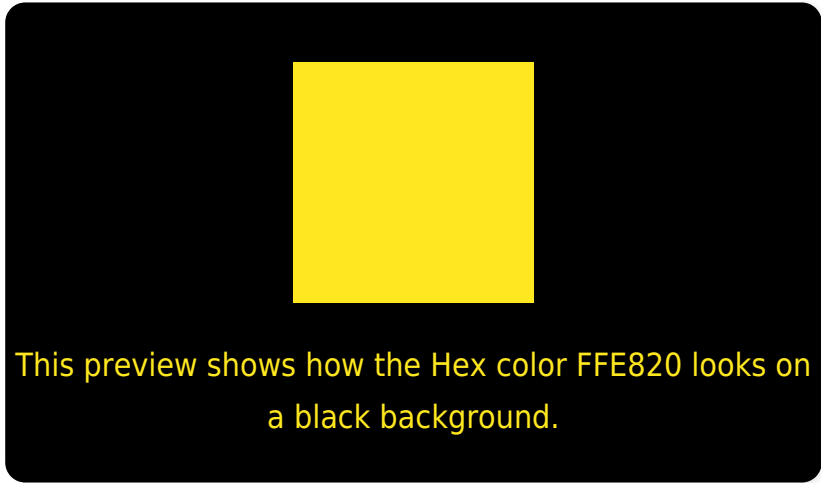
Large Text (above 18pt) WCAG AA × Fail

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 FFE820 Background



This preview shows how black text looks on a background with the Hex color FFE820.

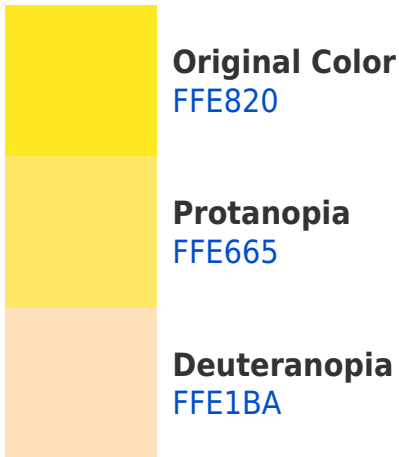


This preview shows how white text looks on a background with the Hex color FFE820.

# 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](#).

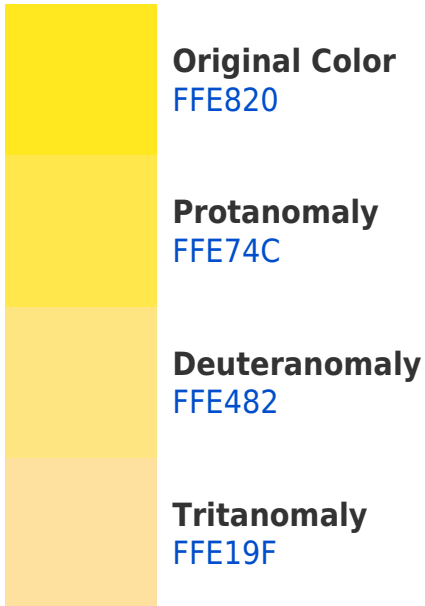
## Dichromacy



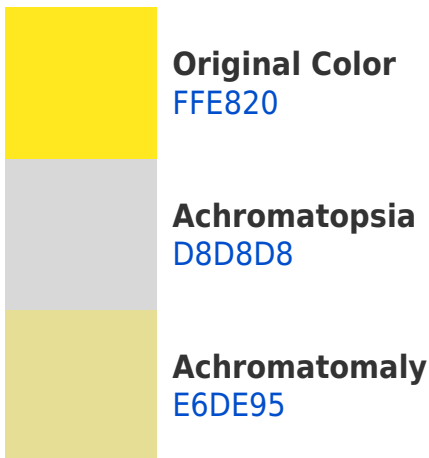


**Tritanopia**  
FFDDE8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE820 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 #FFE820 looks like.

```
.text, #text, p{  
    color:#FFE820  
}
```

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 #FFE820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE820
}
```

## Border

The CSS property to change the border of an element to Hex FFE820 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
#FFE820 }
```

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

```
.border{ border-color:#FFE820 }
```

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

Here you see how a box with a 4 pixel #FFE820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE820; -webkit-box-shadow:4px 4px  
4px 4px #FFE820; box-shadow:4px 4px 4px  
4px #FFE820 }
```

# Background

The CSS property to change the background color of an element to Hex FFE820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE820 }
```

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

```
.background{ background-color:#FFE820 }
```

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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