

# Converting Colors

Hex(FFE32C)

Have a look what the booklet for  
Hex(FFE32C) contains.

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# **Color**

**Hex(FFE32C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE32C
RGB	255, 227, 44
RGB Percent	100%, 89%, 17%
CMY	0.0000, 0.1098, 0.8275
CMYK	0.00, 0.11, 0.83, 0.00
HSL	52°, 100%, 59%
HSV	52°, 83%, 100%
XYZ	69.1637, 76.3800, 13.4804
YIQ	214.5100, 75.4310, -50.9770

# Conversions

## Conversions Part 2

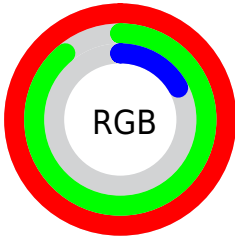
Format	Color
<a href="#">RYB</a>	76, 255, 44
Decimal	16769836
CIELab	90.04, -7.32, 83.14
CIELCh	90, 83.461, 95.033
Yxy	76.3800, 0.4349, 0.4803
Android (android.graphics.Color)	4294959916 (0xFFFFE32C)
YUV	214.5100, -84.0614, 35.5097
Hunter-Lab	87.3957, -11.6800, 52.0318

# Details

The Hex color **FFE32C** 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 **2C48FF**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF6C**, and **C2AC00** is the 20% darker color. If you saturate the color by 10%, you get **FFE013**, and if you desaturate by 10%, it is **FFE646**.

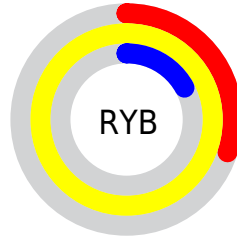
# Distribution



Red (100%)

Green (89%)

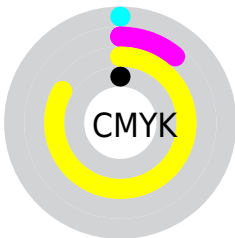
Blue (17%)



Red (30%)

Yellow (100%)

Blue (17%)

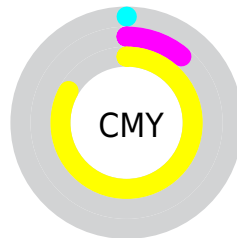


Cyan (0%)

Magenta (11%)

Yellow (83%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE32C 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 FFE32C by changing the saturation by 10% instead.



 FFE32C

 FFE32C

FFFFFF

 E0C700

 FFFF6C

 C2AC00

 FFFF8A

 A49200

 FFFFA7

 877800

 FFFFC4

 6A6000

 FFFFEE2

 4E4900

 343200

 1B1E00

 000000

 FFE32C

 FFE32C

 FFE013

 FFE646

 FFDD00

 FFEA5F

 FFED79

 FFF192

 FFF4AC

 FFF7C5

 FFFBDF

 FFFE8

FFFFFF

# Harmonies

## Analogous

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



FFC54C



FFE32C



ACF854

# Triad

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



FFE32C



00FFFF



FFA5FF

# Complementary

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



FFE32C



2C48FF

# 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.



F6C7FF



FFE32C



00FCFF

# Square

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



FFE32C



00FFEE



23E7FF



FF95D8

# Rectangle

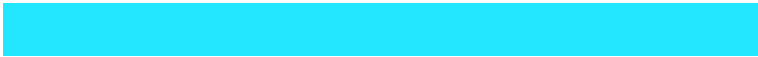
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE32C



5BFF82



23E7FF



FFB0FF



# Sweetspot

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



FFE32C



FFF7BF



FF2C48



807A59



000000



808080



# Same Dimension

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



FFE32C



FFDD03



B2FF2C



807E73



BFA600



403700



# Inverse Universe

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



2C48FF



0324FF



792CFF



737480



0019BF



000840



# Previews

## White Background



This preview shows how the Hex color FFE32C looks on a white background.

## Color Contrast Check

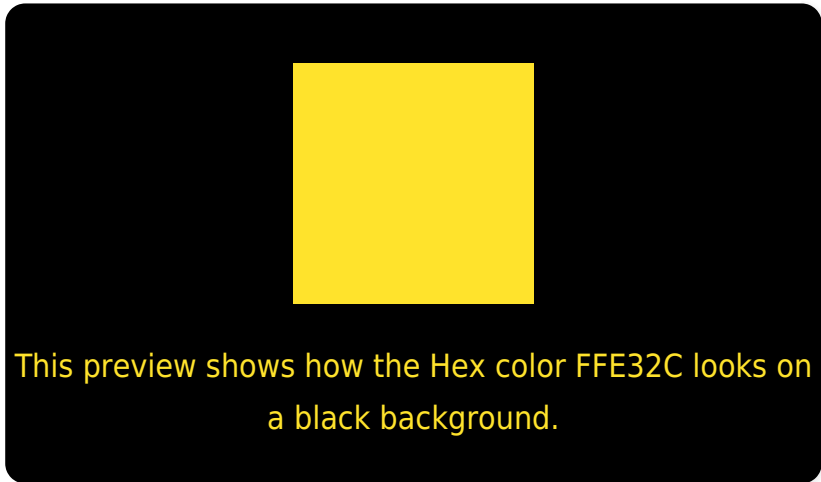
Large Text (above 18pt) WCAG AA × Fail

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 FFE32C Background



This preview shows how black text looks on a background with the Hex color FFE32C.



This preview shows how white text looks on a background with the Hex color FFE32C.

# 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**  
FFE32C

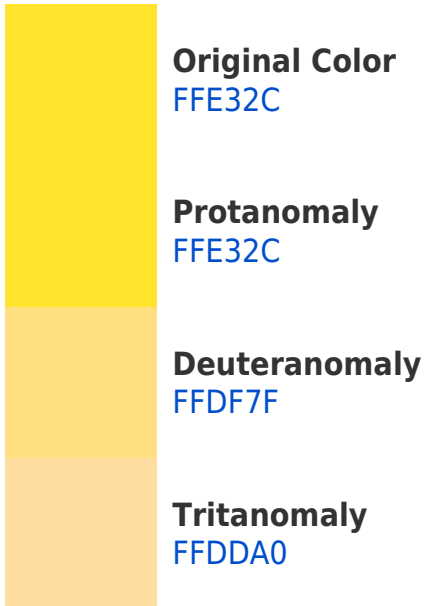
**Protanopia**  
FFE32C

**Deuteranopia**  
FFDDAF



**Tritanopia**  
FFD9E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE32C 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 #FFE32C looks like.

```
.text, #text, p{  
    color:#FFE32C  
}
```

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 #FFE32C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE32C
}
```

## Border

The CSS property to change the border of an element to Hex FFE32C 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
#FFE32C }
```

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

```
.border{ border-color:#FFE32C }
```

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

Here you see how a box with a 4 pixel #FFE32C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE32C; -webkit-box-shadow:4px 4px  
4px 4px #FFE32C; box-shadow:4px 4px 4px  
4px #FFE32C }
```

# Background

The CSS property to change the background color of an element to Hex FFE32C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE32C }
```

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

```
.background{ background-color:#FFE32C }
```

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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