

# Converting Colors

Hex(FFE944)

Have a look what the booklet for  
Hex(FFE944) contains.

<b>Hex(FFE944)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(FFE944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE944
RGB	255, 233, 68
RGB Percent	100%, 91%, 27%
CMY	0.0000, 0.0863, 0.7333
CMYK	0.00, 0.09, 0.73, 0.00
HSL	53°, 100%, 63%
HSV	53°, 73%, 100%
XYZ	71.4223, 79.9552, 17.1374
YIQ	220.7680, 66.0770, -46.6510

# Conversions

## Conversions Part 2

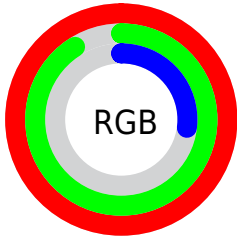
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	93, 255, 68
Decimal	16771396
CIE Lab	91.66, -9.50, 77.65
CIE LCh	92, 78.224, 96.976
Yxy	79.9552, 0.4238, 0.4745
Android (android.graphics.Color)	4294961476 (0xFFFFE944)
YUV	220.7680, -75.3146, 30.0215
Hunter-Lab	89.4177, -13.9041, 51.2291

# Details

The Hex color **FFE944** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **445AFF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF7F**, and **C2B200** is the 20% darker color. If you saturate the color by 10%, you get **FFE62A**, and if you desaturate by 10%, it is **FFEC5D**.

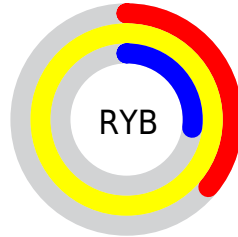
# Distribution



Red (100%)

Green (91%)

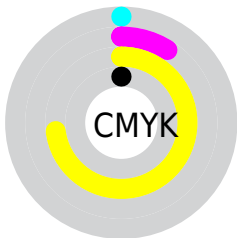
Blue (27%)



Red (36%)

Yellow (100%)

Blue (27%)

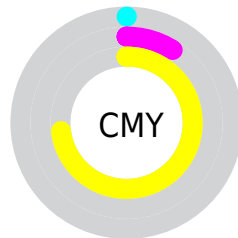


Cyan (0%)

Magenta (9%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE944 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 FFE944 by changing the saturation by 10% instead.



 FFE944

 FFE944

FFFFFF

 E0CD21

 FFFF7F

 C2B200

 FFFF9B

 A59700

 FFFFB8

 887E00

 FFFF D5

 6B6500

 FFFFF3

 4F4D00

 353700

 1C2200

 000B00

 FFE944

 FFE944

 FFE62A

 FFEC5D

 FFE311

 FFEF77

 FFE100

 FFF291

 FFF5AA

 FFF8C3

 FFFBDD

 FFFE66

FFFFFF

# Harmonies

## Analogous

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



FFCE59



FFE944



AFFC67

# Triad

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



FFE944



00FFFF



FFAEFF

# Complementary

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



FFE944



445AFF

# 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.



FFCCFF



FFE944



00FFFF

# Square

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



FFE944



00FFF7



6CEAFF



FFA2D8

# Rectangle

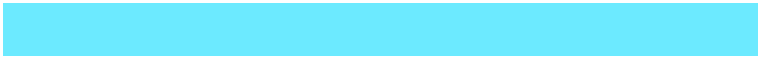
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE944



66FF91



6CEAFF



FFB7FF



# Sweetspot

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



FFE944



FFF8C7



FF445D



807C5E



000000



808080



# Same Dimension

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



FFE944



FFE51F



BAFF44



807E73



BFA900



403800



# Inverse Universe

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



445AFF



1F39FF



8944FF



737480



0016BF



000740



# Previews

## White Background



This preview shows how the Hex color FFE944 looks on a white background.

## Color Contrast Check

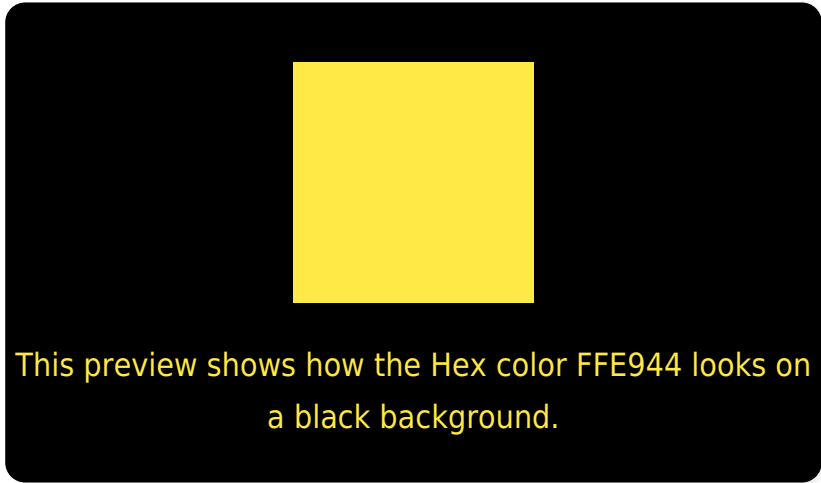
Large Text (above 18pt) WCAG AA × Fail

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 FFE944 Background



This preview shows how black text looks on a background with the Hex color FFE944.



This preview shows how white text looks on a background with the Hex color FFE944.

# 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**  
FFE944

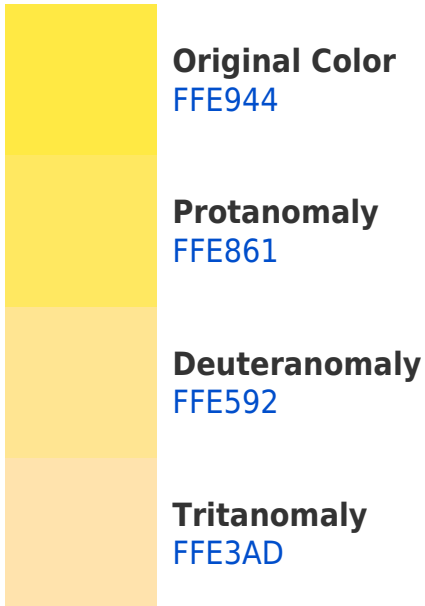
**Protanopia**  
FFE772

**Deuteranopia**  
FFE3BE

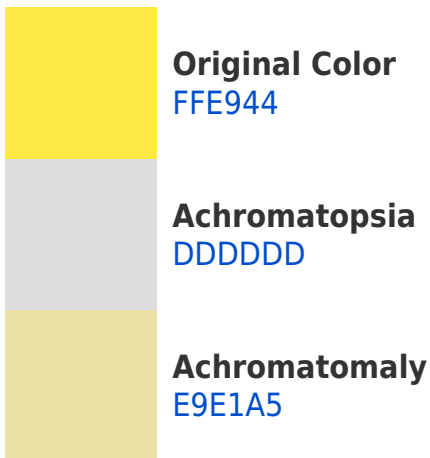


**Tritanopia**  
FFDFE9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE944 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 #FFE944 looks like.

```
.text, #text, p{  
    color:#FFE944  
}
```

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 #FFE944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE944
}
```

## Border

The CSS property to change the border of an element to Hex FFE944 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
#FFE944 }
```

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

```
.border{ border-color:#FFE944 }
```

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

Here you see how a box with a 4 pixel #FFE944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE944; -webkit-box-shadow:4px 4px  
4px 4px #FFE944; box-shadow:4px 4px 4px  
4px #FFE944 }
```

# Background

The CSS property to change the background color of an element to Hex FFE944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE944 }
```

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

```
.background{ background-color:#FFE944 }
```

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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