

# Converting Colors

Hex(FFE472)

Have a look what the booklet for  
Hex(FFE472) contains.

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# **Color**

**Hex(FFE472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE472
RGB	255, 228, 114
RGB Percent	100%, 89%, 45%
CMY	0.0000, 0.1059, 0.5529
CMYK	0.00, 0.11, 0.55, 0.00
HSL	49°, 100%, 72%
HSV	49°, 55%, 100%
XYZ	72.0207, 77.9617, 27.1718
YIQ	223.0770, 52.6860, -29.7300

# Conversions

## Conversions Part 2

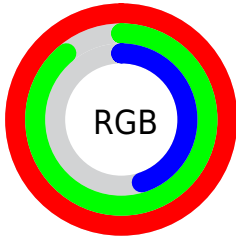
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 255, 114
Decimal	16770162
CIELab	90.76, -4.35, 58.16
CIELCh	91, 58.319, 94.274
Yxy	77.9617, 0.4065, 0.4401
Android (android.graphics.Color)	4294960242 (0xFFFFE472)
YUV	223.0770, -53.7750, 27.9965
Hunter-Lab	88.2959, -8.9201, 43.5615

# Details

The Hex color **FFE472** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **728DFF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFA9**, and **C4AD3D** is the 20% darker color. If you saturate the color by 10%, you get **FFDF59**, and if you desaturate by 10%, it is **FFE98C**.

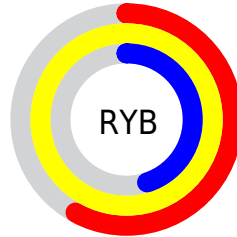
# Distribution



Red (100%)

Green (89%)

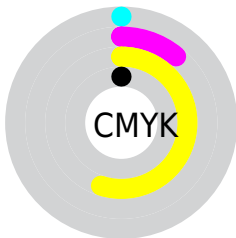
Blue (45%)



Red (58%)

Yellow (100%)

Blue (45%)

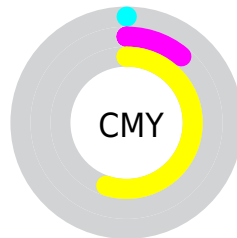


Cyan (0%)

Magenta (11%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE472 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 FFE472 by changing the saturation by 10% instead.



 FFE472

 FFE472

FFFFFF

 E1C857

 FFFFA9

 C4AD3D

 FFFFC5

 A79220

 FFFFE1

 8A7900

 6F6000

 544900

 393300

 211E00

 000500

 FFE472

 FFE472

 FFDF59

 FFE98C

 FFDA3F

 FFEEA5

 FFD525

 FFF3BF

 FFD00C

 FFF8D8

 FFCE00

 FFFCF2

FFFFFF

# Harmonies

## Analogous

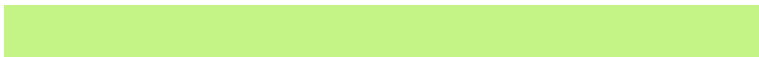
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD080



FFE472



C4F485

# Triad

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



FFE472



00FFFF



FFBFFF

# Complementary

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



FFE472



728DFF

# 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.



F4D3FF



FFE472



00F7FF

# Square

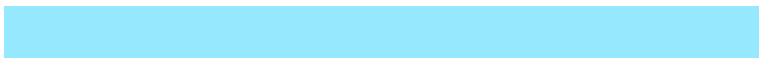
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFE472



00FFEB



96E8FF



FFB6DF

# Rectangle

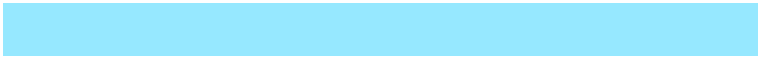
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE472



96FBA1



96E8FF



FFC5FF



# Sweetspot

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



FFE472



FFF7D4



FF728E



807B66



000000



808080



# Same Dimension

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



FFE472



FFDF57



D5FF72



807D73



BF9B00



403400



# Inverse Universe

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



728DFF



5777FF



9C72FF



737580



0025BF



000C40



# Previews

## White Background



This preview shows how the Hex color FFE472 looks on a white background.

## Color Contrast Check

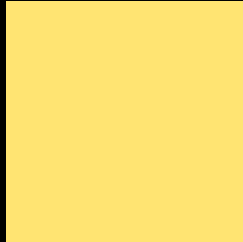
Large Text (above 18pt) WCAG AA × Fail

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 FFE472 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 FFE472 Background



This preview shows how black text looks on a background with the Hex color FFE472.

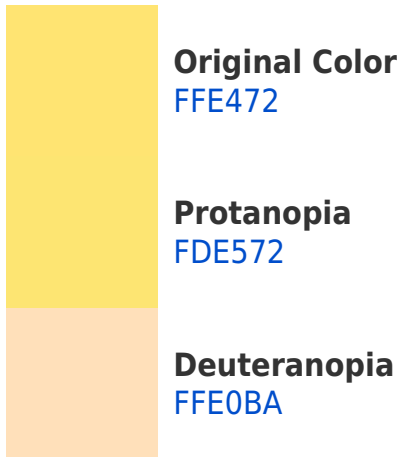


This preview shows how white text looks on a background with the Hex color FFE472.

# 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](#).

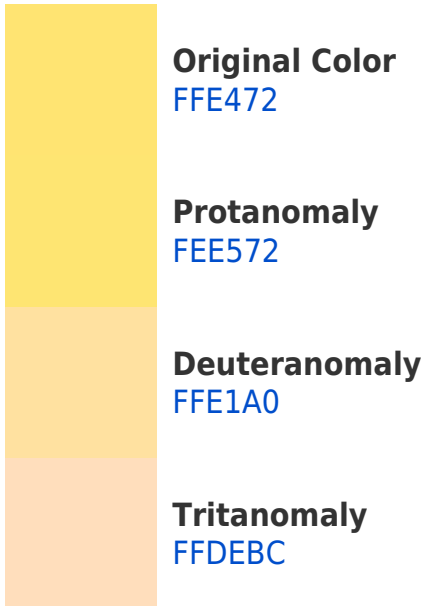
## Dichromacy



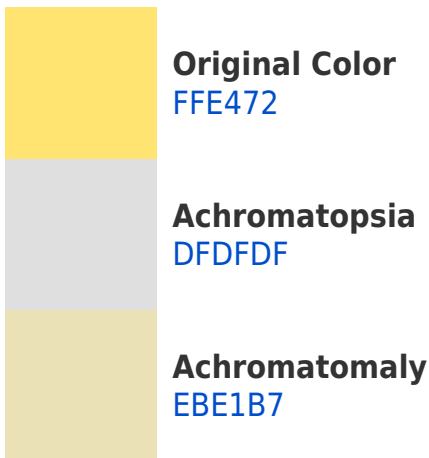


**Tritanopia**  
FFDBE7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE472 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 #FFE472 looks like.

```
.text, #text, p{  
    color:#FFE472  
}
```

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 #FFE472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE472
}
```

## Border

The CSS property to change the border of an element to Hex FFE472 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
#FFE472 }
```

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

```
.border{ border-color:#FFE472 }
```

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

Here you see how a box with a 4 pixel #FFE472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE472; -webkit-box-shadow:4px 4px  
4px 4px #FFE472; box-shadow:4px 4px 4px  
4px #FFE472 }
```

# Background

The CSS property to change the background color of an element to Hex FFE472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE472 }
```

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

```
.background{ background-color:#FFE472 }
```

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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