

# Converting Colors

Hex(FFE27C)

Have a look what the booklet for  
Hex(FFE27C) contains.

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# **Color**

**Hex(FFE27C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE27C
RGB	255, 226, 124
RGB Percent	100%, 89%, 49%
CMY	0.0000, 0.1137, 0.5137
CMYK	0.00, 0.11, 0.51, 0.00
HSL	47°, 100%, 74%
HSV	47°, 51%, 100%
XYZ	72.0744, 77.1079, 30.1534
YIQ	223.0430, 50.0260, -25.5740

# Conversions

## Conversions Part 2

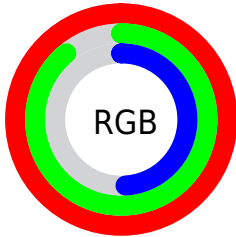
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 255, 124
Decimal	16769660
CIELab	90.37, -2.55, 53.04
CIELCh	90, 53.097, 92.749
Yxy	77.1079, 0.4019, 0.4300
Android (android.graphics.Color)	4294959740 (0xFFFFE27C)
YUV	223.0430, -48.8282, 28.0263
Hunter-Lab	87.8111, -7.1586, 41.1083

# Details

The Hex color **FFE27C** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7C99FF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFB3**, and **C4AB48** is the 20% darker color. If you saturate the color by 10%, you get **FFDC63**, and if you desaturate by 10%, it is **FFE896**.

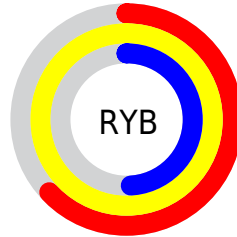
# Distribution



Red (100%)

Green (89%)

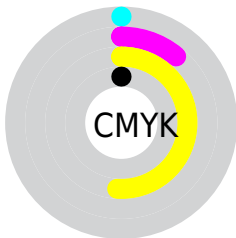
Blue (49%)



Red (63%)

Yellow (100%)

Blue (49%)

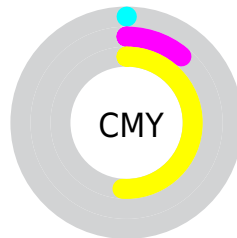


Cyan (0%)

Magenta (11%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE27C 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 FFE27C by changing the saturation by 10% instead.



 FFE27C

 FFE27C

FFFFFF

 E1C662

 FFFFB3

 C4AB48

 FFFFCF

 A7912D

 FFFFEB

 8B770F

 6F5F00

 554700

 3A3100

 221C00

 000300

 FFE27C

 FFE27C

 FFDC63

 FFE896

 FFD749

 FFEDAF

 FFD130

 FFF3C9

 FFCB16

 FFF9E2

 FFC700

 FFFEFC

FFFFFF

# Harmonies

## Analogous

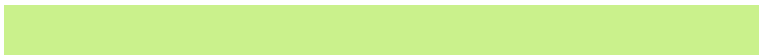
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD08A



FFE27C



CAF18C

# Triad

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



FFE27C



00DFF



FFC3FF

# Complementary

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



FFE27C



7C99FF

# 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.



EFD4FF



FFE27C



00F5FF

# Square

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



FFE27C



28FEE7



9CE7FF



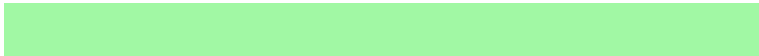
FFBAE1

# Rectangle

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



FFE27C



A1F8A4



9CE7FF



FFC8FF



# Sweetspot

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



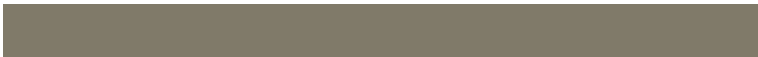
FFE27C



FFF7D9



FF7C9B



807A69



000000



808080



# Same Dimension

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



FFE27C



FFDC61



DCFF7C



807D73



BF9500



403200



# Inverse Universe

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



7C99FF



6184FF



9F7CFF



737680



002ABF



000E40



# Previews

## White Background



This preview shows how the Hex color FFE27C 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 FFE27C Background



This preview shows how black text looks on a background with the Hex color FFE27C.

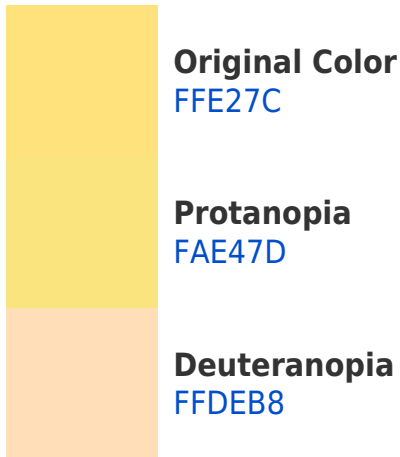


This preview shows how white text looks on a background with the Hex color FFE27C.

# 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](#).

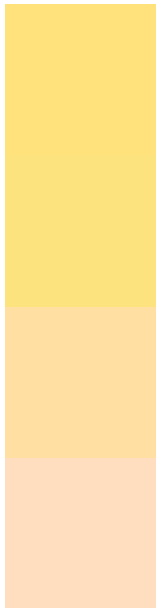
## Dichromacy





**Tritanopia**  
FFDAE6

# Trichromacy



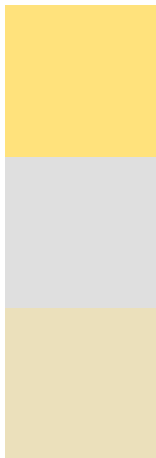
**Original Color**  
FFE27C

**Protanomaly**  
FCE37D

**Deuteranomaly**  
FFDFA2

**Tritanomaly**  
FFDDBF

# Monochromacy



**Original Color**  
FFE27C

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
EBE0BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE27C 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 #FFE27C looks like.

```
.text, #text, p{  
    color:#FFE27C  
}
```

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 #FFE27C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE27C
}
```

## Border

The CSS property to change the border of an element to Hex FFE27C 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
#FFE27C }
```

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

```
.border{ border-color:#FFE27C }
```

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

Here you see how a box with a 4 pixel #FFE27C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE27C; -webkit-box-shadow:4px 4px  
4px 4px #FFE27C; box-shadow:4px 4px 4px  
4px #FFE27C }
```

# Background

The CSS property to change the background color of an element to Hex FFE27C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE27C }
```

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

```
.background{ background-color:#FFE27C }
```

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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