

# Converting Colors

Hex(FFF783)

Have a look what the booklet for  
Hex(FFF783) contains.

<b>Hex(FFF783)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FFF783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF783
RGB	255, 247, 131
RGB Percent	100%, 97%, 51%
CMY	0.0000, 0.0314, 0.4863
CMYK	0.00, 0.03, 0.49, 0.00
HSL	56°, 100%, 76%
HSV	56°, 49%, 100%
XYZ	78.5975, 89.4202, 34.5900
YIQ	236.1680, 42.0040, -34.3800

# Conversions

## Conversions Part 2

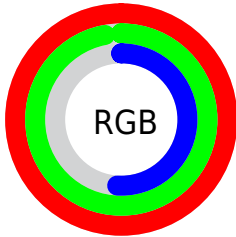
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	140, 255, 131
Decimal	16775043
CIE Lab	95.76, -12.40, 56.22
CIE LCh	96, 57.566, 102.435
Yxy	89.4202, 0.3879, 0.4413
Android (android.graphics.Color)	4294965123 (0xFFFFF783)
YUV	236.1680, -51.8478, 16.5157
Hunter-Lab	94.5623, -17.1198, 44.5058

# Details

The Hex color **FFF783** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **838BFF**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFBA**, and **C4BF4E** is the 20% darker color. If you saturate the color by 10%, you get **FFF56A**, and if you desaturate by 10%, it is **FFF99C**.

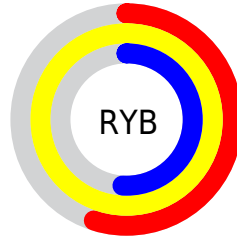
# Distribution



Red (100%)

Green (97%)

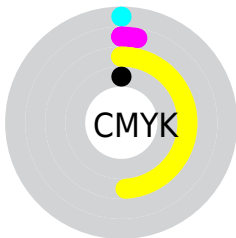
Blue (51%)



Red (55%)

Yellow (100%)

Blue (51%)

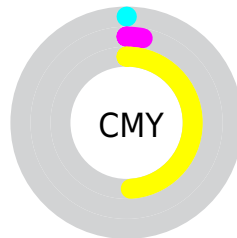


Cyan (0%)

Magenta (3%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF783 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 FFF783 by changing the saturation by 10% instead.



 FFF783

 FFF783

FFFFFF

 E1DB68

 FFFFBA

 C4BF4E

 FFFFD7

 A8A433

 FFFFF4

 8B8A14

 707000

 565800

 3B4100

 222B00

 001800

 FFF783

 FFF783

 FFF56A

 FFF99C

 FFF450

 FFFAB6

 FFF237

 FFFCD0

 FFF01D

 FFFEE9

 FFEF04

FFFFFF

 FFEF00

# Harmonies

## Analogous

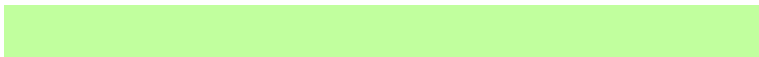
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE488



FFF783



C1FF9E

# Triad

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



FFF783



00FFFF



FFCAFF

# Complementary

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



FFF783



838BFF

# 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.



FFDBFF



FFF783



47FFFF

# Square

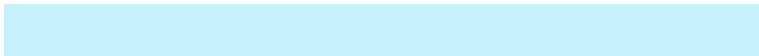
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF783



00FFFF



C4F1FF



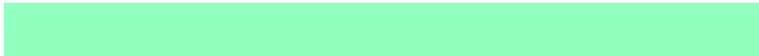
FFC6DD

# Rectangle

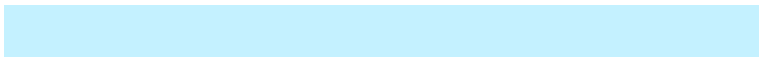
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF783



91FFBD



C4F1FF



FFCFFF



# Sweetspot

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



FFF783



FFFDD9



FF838B



807E69



000000

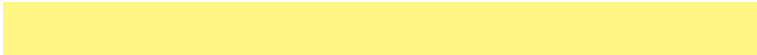


808080



# Same Dimension

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



FFF783



FFF56B



C9FF83



807F73



BFB300



403C00



# Inverse Universe

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



838BFF



6B75FF



B983FF



737480



000CBF

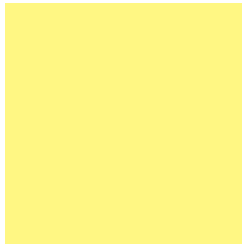


000440



# Previews

## White Background



This preview shows how the Hex color FFF783 looks on a white background.

## Color Contrast Check

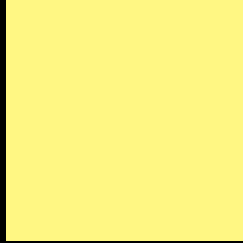
Large Text (above 18pt) WCAG AA × Fail

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 FFF783 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

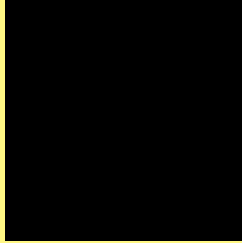
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFF783 Background



This preview shows how black text looks on a background with the Hex color FFF783.

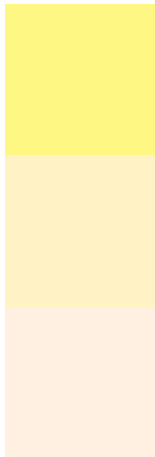


This preview shows how white text looks on a background with the Hex color FFF783.

# 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**  
FFF783

**Protanopia**  
FFF3C6

**Deuteranopia**  
FFF0E1



**Tritanopia**  
FFEEF7

# Trichromacy



**Original Color**  
FFF783



**Protanomaly**  
FFF4AE

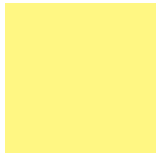


**Deuteranomaly**  
FFF3BF

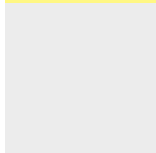


**Tritanomaly**  
FFF1CD

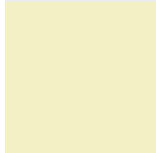
# Monochromacy



**Original Color**  
FFF783



**Achromatopsia**  
ECECEC



**Achromatomaly**  
F3F0C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF783 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 #FFF783 looks like.

```
.text, #text, p{  
    color:#FFF783  
}
```

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 #FFF783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF783
}
```

## Border

The CSS property to change the border of an element to Hex FFF783 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
#FFF783 }
```

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

```
.border{ border-color:#FFF783 }
```

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

Here you see how a box with a 4 pixel #FFF783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF783; -webkit-box-shadow:4px 4px  
4px 4px #FFF783; box-shadow:4px 4px 4px  
4px #FFF783 }
```

# Background

The CSS property to change the background color of an element to Hex FFF783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF783 }
```

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

```
.background{ background-color:#FFF783 }
```

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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