

# Converting Colors

Hex(FDE783)

Have a look what the booklet for  
Hex(FDE783) contains.

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**Color**

**Hex(FDE783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDE783
RGB	253, 231, 131
RGB Percent	99%, 91%, 51%
CMY	0.0078, 0.0941, 0.4863
CMYK	0.00, 0.09, 0.48, 0.01
HSL	49°, 97%, 75%
HSV	49°, 48%, 99%
XYZ	73.1807, 79.6732, 32.9942
YIQ	226.1780, 45.2120, -26.4360

# Conversions

## Conversions Part 2

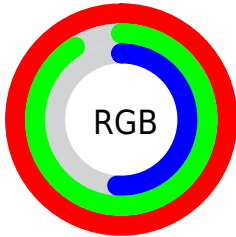
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 253, 131
Decimal	16639875
CIELab	91.54, -5.25, 51.08
CIELCh	92, 51.345, 95.874
Yxy	79.6732, 0.3938, 0.4287
Android (android.graphics.Color)	4294829955 (0xFFFDE783)
YUV	226.1780, -46.9228, 23.5229
Hunter-Lab	89.2598, -9.8595, 40.5658

# Details

The Hex color **FDE783** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8399FD**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFBA**, and **C2B04F** is the 20% darker color. If you saturate the color by 10%, you get **FDE26A**, and if you desaturate by 10%, it is **FDEC9C**.

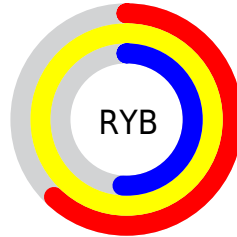
# Distribution



Red (99%)

Green (91%)

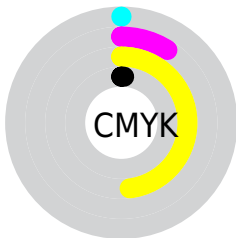
Blue (51%)



Red (62%)

Yellow (99%)

Blue (51%)

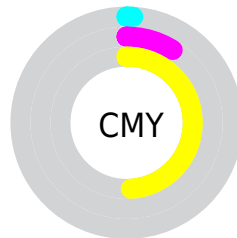


Cyan (0%)

Magenta (9%)

Yellow (48%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDE783 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 FDE783 by changing the saturation by 10% instead.



 FDE783

 FDE783

FFFFFF

 DF6B69

 FFFFBA

 C2B04F

 FFFFD6

 A69535

 FFFFF3

 8A7B19

 6E6300

 544B00

 3A3500

 212000

 000900

 FDE783

 FDE783

 FDE26A

 FDEC9C

 FDDE50

 FDF0B6

 FDD937

 FDF5CF

 FDD51E

 FDF9E8

 FDD005

 FDFEFF

 FDCE00

 FDFFFF

# Harmonies

## Analogous

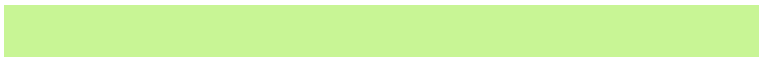
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD68D



FDE725



C8F595

# Triad

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



FDE783



00FFFF



FFC6FF

# Complementary

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



FDE783



8399FD

# 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.



F9D6FF



FDE783



46F7FF

# Square

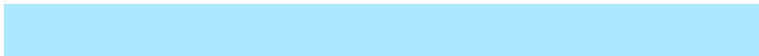
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FDE783



34FFEF



ADE8FF



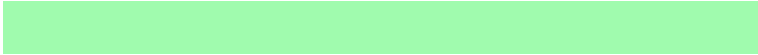
FFBDFD

# Rectangle

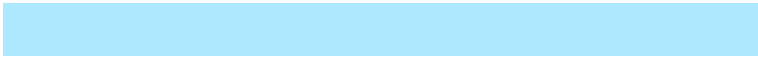
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDE783



A0FBAE



ADE8FF



FFCBFF



# Sweetspot

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



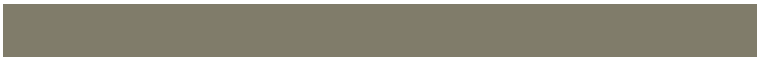
FDE783



FFF9DB



FD8399



807C6A



000000



808080



# Same Dimension

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



FDE783



FFE46B



D6FD83



807D73



BF9D00



403400



# Inverse Universe

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



8399FD



6B86FF



AA83FD



737580



0022BF



000B40



# Previews

## White Background



This preview shows how the Hex color FDE783 looks on a white background.

## Color Contrast Check

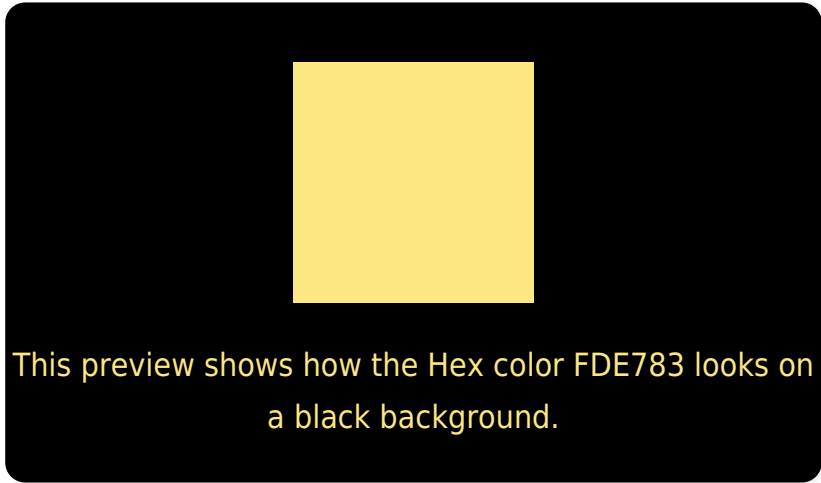
Large Text (above 18pt) WCAG AA × Fail

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 FDE783 Background



This preview shows how black text looks on a background with the Hex color FDE783.

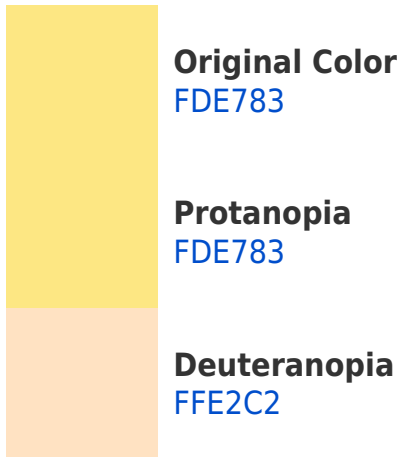


This preview shows how white text looks on a background with the Hex color FDE783.

# 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](#).

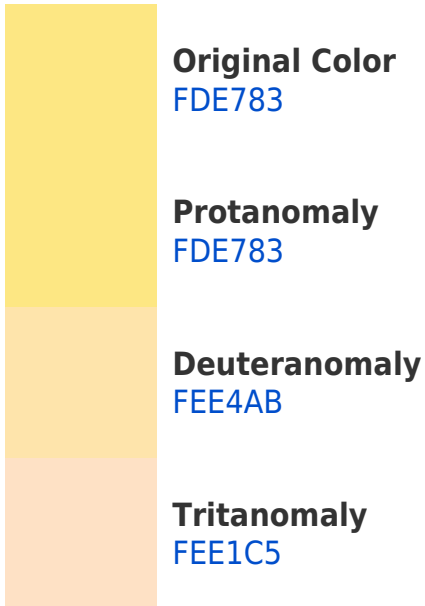
## Dichromacy



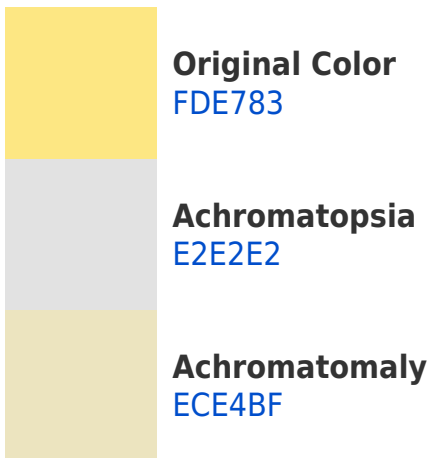


**Tritanopia**  
FFDEEA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDE783 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 #FDE783 looks like.

```
.text, #text, p{  
    color:#FDE783  
}
```

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 #FDE783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDE783
}
```

## Border

The CSS property to change the border of an element to Hex FDE783 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
#FDE783 }
```

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

```
.border{ border-color:#FDE783 }
```

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

Here you see how a box with a 4 pixel #FDE783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDE783; -webkit-box-shadow:4px 4px  
4px 4px #FDE783; box-shadow:4px 4px 4px  
4px #FDE783 }
```

# Background

The CSS property to change the background color of an element to Hex FDE783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDE783 }
```

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

```
.background{ background-color:#FDE783 }
```

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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