

# Converting Colors

Hex(FDC773)

Have a look what the booklet for  
Hex(FDC773) contains.

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**Color**

**Hex(FDC773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDC773
RGB	253, 199, 115
RGB Percent	99%, 78%, 45%
CMY	0.0078, 0.2196, 0.5490
CMYK	0.00, 0.21, 0.55, 0.01
HSL	37°, 97%, 72%
HSV	37°, 55%, 99%
XYZ	64.0259, 62.9673, 24.9990
YIQ	205.5700, 59.1480, -14.6760

# Conversions

## Conversions Part 2

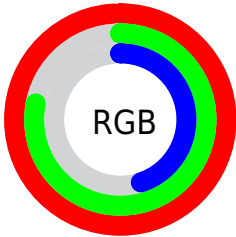
Format	Color
<a href="#">RYB</a>	<a href="#">204, 253, 115</a>
Decimal	<a href="#">16631667</a>
CIELab	<a href="#">83.43, 9.75, 48.96</a>
CIELCh	<a href="#">83, 49.917, 78.739</a>
Yxy	<a href="#">62.9673, 0.4212, 0.4143</a>
Android (android.graphics.Color)	<a href="#">4294821747</a> ( <a href="#">0xFFFDC773</a> )
YUV	<a href="#">205.5700, -44.6510, 41.5961</a>
Hunter-Lab	<a href="#">79.3519, 5.1587, 36.8676</a>

# Details

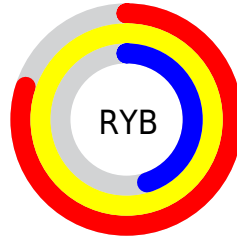
The Hex color **FDC773** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **73A9FD**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFA9**, and **C19140** is the 20% darker color. If you saturate the color by 10%, you get **FDBD5A**, and if you desaturate by 10%, it is **FDD18C**.

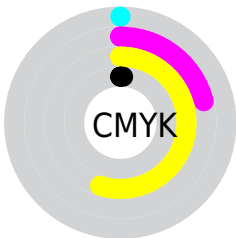
# Distribution



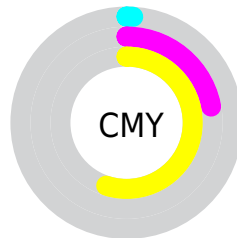
- Red (99%)
- Green (78%)
- Blue (45%)



- Red (80%)
- Yellow (99%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (1%)



- Cyan (1%)
- Magenta (22%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDC773 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 FDC773 by changing the saturation by 10% instead.



 FDC773

 FDC773

FFFFFF

 DFAC59


 FFFFA9

 C19140

 FFFFC4

 A47826

 FFFFE1

 885F08

FFFFFFE

 6C4700

 513100

 371C00

 1F0400

 000000

 FDC773

 FDC773

 FDBD5A

 FDD18C

 FDB340

 FDDBA6

 FDA927

 FDE5BF

 FD9F0E

 FDEFD8

 FD9A00

 FDF9F2

FDFFFF

# Harmonies

## Analogous

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



FFB78B



FDC773



D0D675

# Triad

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



FDC773



00E8EC



F9B9FF

# Complementary

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



FDC773



73A9FD

# 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.



B9CAFF



FDC773



00E4FF

# Square

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



FDC773



56E7BC



60DAFF



FFACE4

# Rectangle

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



FDC773



ADDE85



60DAFF



E7BEFF

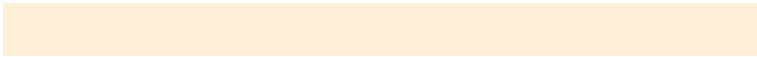


# Sweetspot

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



FDC773



FFEFD6



FD73AA



807667



000000



808080



# Same Dimension

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



FDC773



FFBE59



FFFD73



807B73



BF7400



402700



# Inverse Universe

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



73A9FD



599AFF



8173FD



737880



004BBF



001940



# Previews

## White Background



This preview shows how the Hex color FDC773 looks on a white background.

## Color Contrast Check

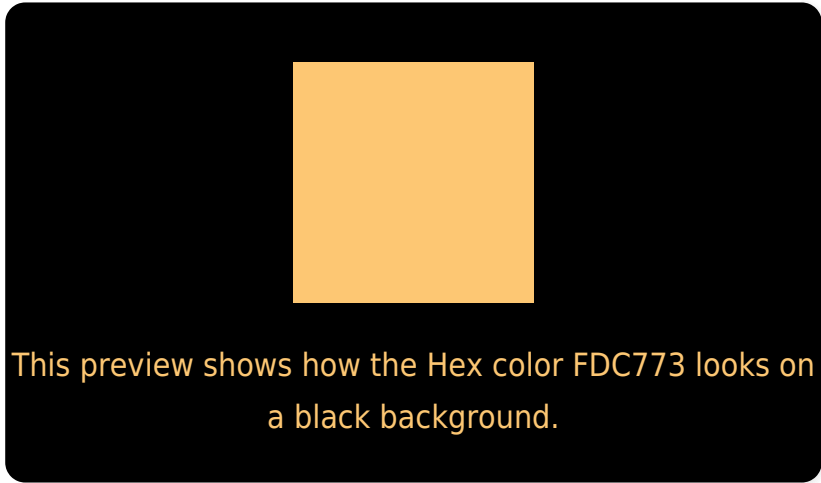
Large Text (above 18pt) WCAG AA × Fail

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 FDC773 Background



This preview shows how black text looks on a background with the Hex color FDC773.

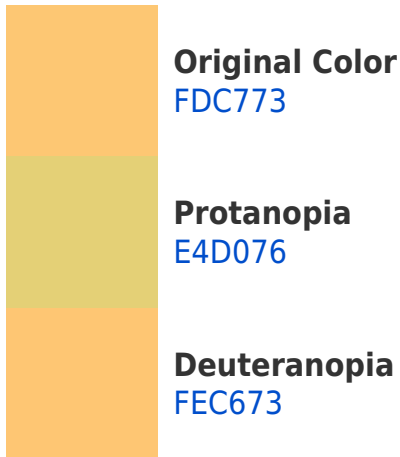


This preview shows how white text looks on a background with the Hex color FDC773.

# Color Blindness Simulation

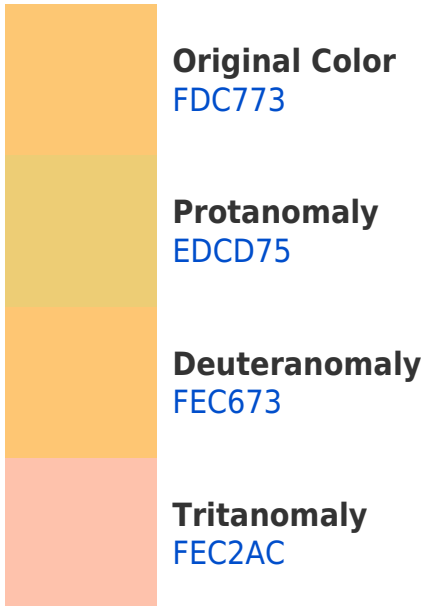
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

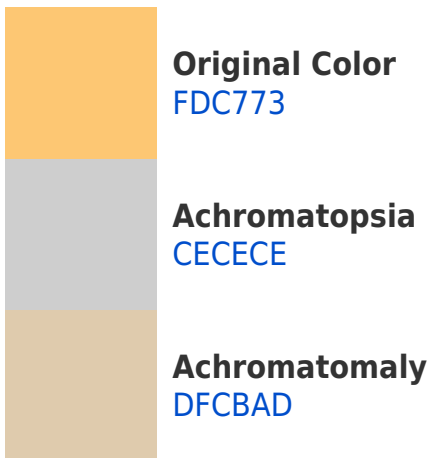




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDC773 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 #FDC773 looks like.

```
.text, #text, p{  
    color:#FDC773  
}
```

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 #FDC773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDC773
}
```

## Border

The CSS property to change the border of an element to Hex FDC773 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
#FDC773 }
```

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

```
.border{ border-color:#FDC773 }
```

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

Here you see how a box with a 4 pixel #FDC773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDC773; -webkit-box-shadow:4px 4px  
4px 4px #FDC773; box-shadow:4px 4px 4px  
4px #FDC773 }
```

# Background

The CSS property to change the background color of an element to Hex FDC773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDC773 }
```

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

```
.background{ background-color:#FDC773 }
```

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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