

# Converting Colors

Hex(FDC26E)

Have a look what the booklet for  
Hex(FDC26E) contains.

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# **Color**

**Hex(FDC26E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDC26E
RGB	253, 194, 110
RGB Percent	99%, 76%, 43%
CMY	0.0078, 0.2392, 0.5686
CMYK	0.00, 0.23, 0.57, 0.01
HSL	35°, 97%, 71%
HSV	35°, 57%, 99%
XYZ	62.6143, 60.5920, 23.1471
YIQ	202.0650, 62.1280, -13.6160

# Conversions

## Conversions Part 2

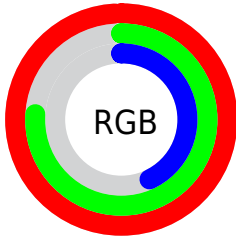
Format	Color
R <sub>Y</sub> B	210, 253, 110
Decimal	16630382
CIE Lab	82.16, 11.96, 49.87
CIE LCh	82, 51.289, 76.515
Yxy	60.5920, 0.4278, 0.4140
Android (android.graphics.Color)	4294820462 (0xFFFDC26E)
YUV	202.0650, -45.3880, 44.6700
Hunter-Lab	77.8409, 7.3618, 36.8578

# Details

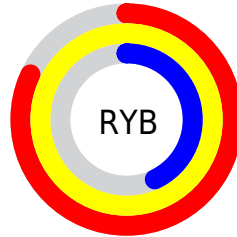
The Hex color **FDC26E** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6EA9FD**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFAA3**, and **C18D3B** is the 20% darker color. If you saturate the color by 10%, you get **FDB855**, and if you desaturate by 10%, it is **FDCC87**.

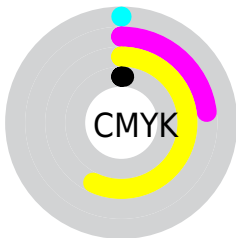
# Distribution



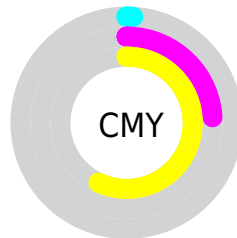
- Red (99%)
- Green (76%)
- Blue (43%)



- Red (82%)
- Yellow (99%)
- Blue (43%)



- Cyan (0%)
- Magenta (23%)
- Yellow (57%)
- Black (1%)



- Cyan (1%)
- Magenta (24%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDC26E 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 FDC26E by changing the saturation by 10% instead.



 FDC26E

 FDC26E

FFFFFF

 DFA754

 FFFAA3

 C18D3B

 FFFFBF

 A47321

 FFFFDB

 875B01

 FFFFF8

 6C4300

 502D00

 361800

 1E0000

 000000

 FDC26E

 FDC26E

 FDB855

 FDCC87

 FDAD3B

 FDD7A1

 FDA322

 FDE1BA

 FD9809

 FDECD3

 FD9500

 FDF6ED

FDFFFF

# Harmonies

## Analogous

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



FFB189



FDC26E



D0D26D

# Triad

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



FDC26E



00E5E6



F2B6FF

# Complementary

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



FDC26E



6EA9FD

# 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.



AFC8FF



FDC26E



00E1FF

# Square

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



FDC26E



53E4B4



49D8FF



FFA8E4

# Rectangle

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



FDC26E



ADDA7D



49D8FF



DFBCFF

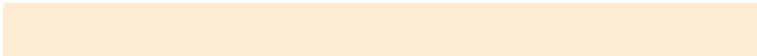


# Sweetspot

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



FDC26E



FFEDD4



FD6EAA



807566



000000



808080



# Same Dimension

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



FDC26E



FFB752



F1FD6E



807A73



BF7000

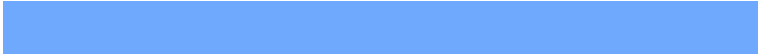


402500

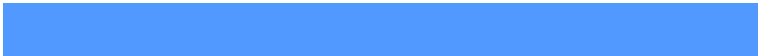


# Inverse Universe

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



6EA9FD



5299FF



7A6EFD



737880



004FBF



001A40



# Previews

## White Background



This preview shows how the Hex color FDC26E looks on a white background.

## Color Contrast Check

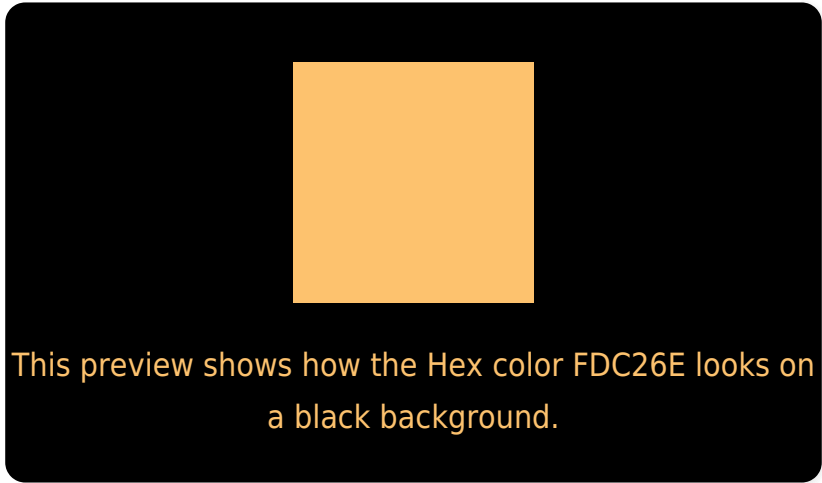
Large Text (above 18pt) WCAG AA × Fail

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 FDC26E Background



This preview shows how black text looks on a background with the Hex color FDC26E.

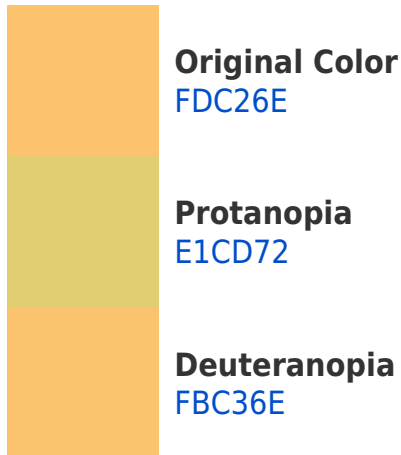


This preview shows how white text looks on a background with the Hex color FDC26E.

# Color Blindness Simulation

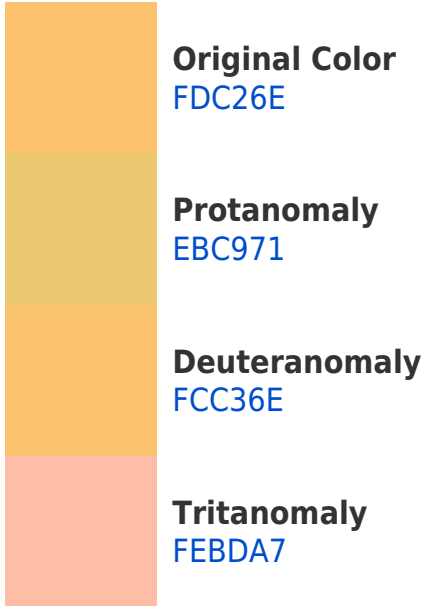
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

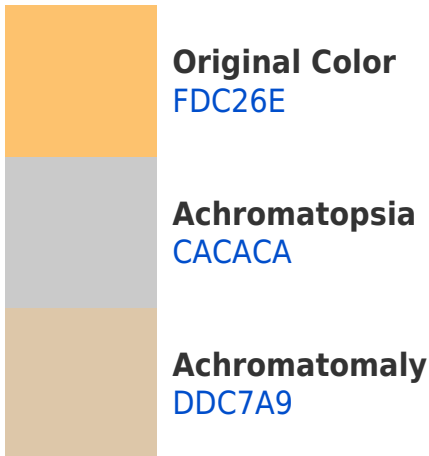




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDC26E 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 #FDC26E looks like.

```
.text, #text, p{  
    color:#FDC26E  
}
```

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 #FDC26E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDC26E
}
```

## Border

The CSS property to change the border of an element to Hex FDC26E 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
#FDC26E }
```

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

```
.border{ border-color:#FDC26E }
```

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

Here you see how a box with a 4 pixel #FDC26E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDC26E; -webkit-box-shadow:4px 4px  
4px 4px #FDC26E; box-shadow:4px 4px 4px  
4px #FDC26E }
```

# Background

The CSS property to change the background color of an element to Hex FDC26E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDC26E }
```

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

```
.background{ background-color:#FDC26E }
```

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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