

# Converting Colors

Hex(FED661)

Have a look what the booklet for  
Hex(FED661) contains.

<b>Hex(FED661)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Hex(FED661)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FED661
RGB	254, 214, 97
RGB Percent	100%, 84%, 38%
CMY	0.0039, 0.1608, 0.6196
CMYK	0.00, 0.16, 0.62, 0.00
HSL	45°, 99%, 69%
HSV	45°, 62%, 100%
XYZ	67.0773, 70.0270, 21.2905
YIQ	212.6220, 61.3970, -27.9070

# Conversions

## Conversions Part 2

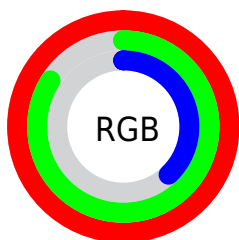
Format	Color
<a href="#">RYB</a>	<a href="#">151, 254, 97</a>
Decimal	<a href="#">16701025</a>
CIELab	<a href="#">87.01, 1.15, 61.52</a>
CIELCh	<a href="#">87, 61.531, 88.929</a>
Yxy	<a href="#">70.0270, 0.4235, 0.4421</a>
Android (android.graphics.Color)	<a href="#">4294891105</a> (0xFFFE661)
YUV	<a href="#">212.6220, -57.0016, 36.2885</a>
Hunter-Lab	<a href="#">83.6822, -3.3631, 43.4929</a>

# Details

The Hex color **FED661** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6189FE**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF97**, and **C2A02A** is the 20% darker color. If you saturate the color by 10%, you get **FED048**, and if you desaturate by 10%, it is **FEDC7A**.

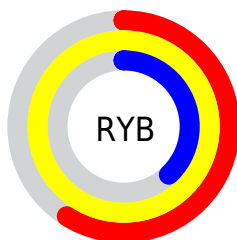
# Distribution



Red (100%)

Green (84%)

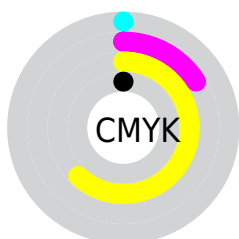
Blue (38%)



Red (59%)

Yellow (100%)

Blue (38%)

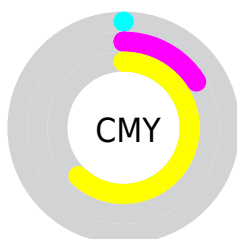


Cyan (0%)

Magenta (16%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FED661 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 FED661 by changing the saturation by 10% instead.



 FED661

FFFFFF

 FFFF97

 FFFFB3

 FFFFD0

 FFFFED

 FED661


 E0BA46

 C2A02A

 A58603

 886D00

 6C5500

 513E00

 362800

 1E1400

 000000

 #FED661

 #FED661

 #FED048

 #FEDC7A

 #FEC92E

 #FEE394

 #FEC315

 #FEE9AD

 #FEBD00

 #FEF0C7

 #FEF6E0

 #FEFDF9

#FEFFFF

# Harmonies

## Analogous

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



FFC177



FED661



C3E76F

# Triad

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



FED661



00F7FF



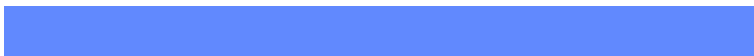
FFB5FF

# Complementary

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



FED661



6189FE

# 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.



DACBFF



FED661



00EFFF

# Square

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



FED661



00F7D6



67E1FF



FFA8DE

# Rectangle

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



FED661



94EF8A



67E1FF



FFBCFF



# Sweetspot

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



FED661



FFF3CF



FE618B



807862



000000



808080



# Same Dimension

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



FED661



FFCF42



D9FE61



807C73



BF8F00



403000



# Inverse Universe

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



6189FE



4272FF



8661FE



737680



0031BF



001040



# Previews

## White Background



This preview shows how the Hex color FED661 looks on a white background.

## Color Contrast Check

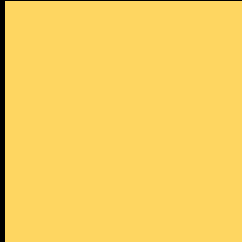
Large Text (above 18pt) WCAG AA × Fail

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 FED661 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 FED661 Background



This preview shows how black text looks on a background with the Hex color FED661.



This preview shows how white text looks on a background with the Hex color FED661.

# 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



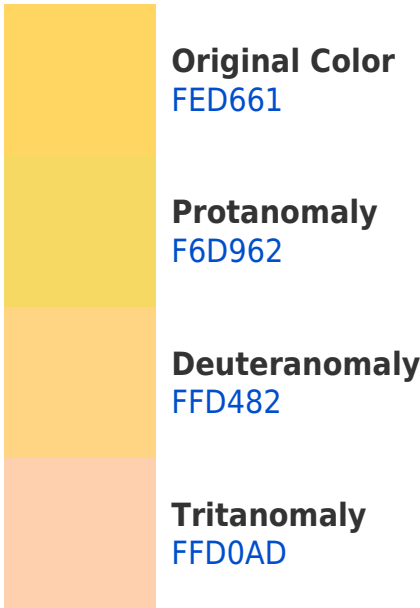
**Original Color**  
FED661

**Protanopia**  
F2DA62

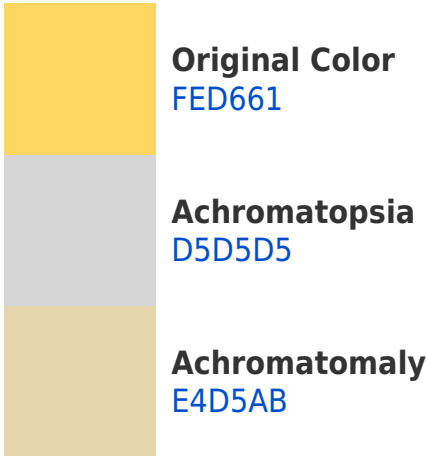
**Deuteranopia**  
FFD395



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FED661 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 #FED661 looks like.

```
.text, #text, p{  
    color:#FED661  
}
```

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 #FED661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FED661
}
```

## Border

The CSS property to change the border of an element to Hex FED661 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
#FED661 }
```

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

```
.border{ border-color:#FED661 }
```

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

Here you see how a box with a 4 pixel #FED661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FED661; -webkit-box-shadow:4px 4px  
4px 4px #FED661; box-shadow:4px 4px 4px  
4px #FED661 }
```

# Background

The CSS property to change the background color of an element to Hex FED661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FED661 }
```

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

```
.background{ background-color:#FED661 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor