

# Converting Colors

Hex(FDD653)

Have a look what the booklet for  
Hex(FDD653) contains.

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# **Color**

**Hex(FDD653)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDD653
RGB	253, 214, 83
RGB Percent	99%, 84%, 33%
CMY	0.0078, 0.1608, 0.6745
CMYK	0.00, 0.15, 0.67, 0.01
HSL	46°, 98%, 66%
HSV	46°, 67%, 99%
XYZ	66.1159, 69.6003, 18.1331
YIQ	210.7270, 65.2950, -32.4730

# Conversions

## Conversions Part 2

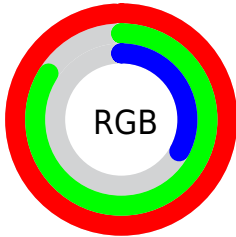
Format	Color
<a href="#">RYB</a>	<a href="#">134, 253, 83</a>
Decimal	<a href="#">16635475</a>
CIELab	<a href="#">86.80, -0.08, 67.21</a>
CIElCh	<a href="#">87, 67.206, 90.071</a>
Yxy	<a href="#">69.6003, 0.4297, 0.4524</a>
Android (android.graphics.Color)	<a href="#">4294825555</a> ( <a href="#">0xFFFDD653</a> )
YUV	<a href="#">210.7270, -62.9694, 37.0734</a>
Hunter-Lab	<a href="#">83.4268, -4.5353, 45.5119</a>

# Details

The Hex color **FDD653** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **537AFD**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF8A**, and **C1A014** is the 20% darker color. If you saturate the color by 10%, you get **FDD03A**, and if you desaturate by 10%, it is **FDDC6C**.

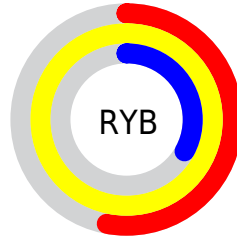
# Distribution



Red (99%)

Green (84%)

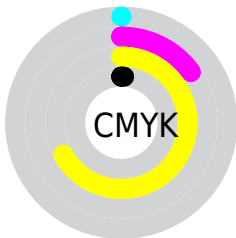
Blue (33%)



Red (53%)

Yellow (99%)

Blue (33%)

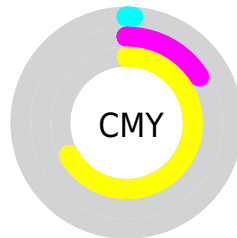


Cyan (0%)

Magenta (15%)

Yellow (67%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDD653 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 FDD653 by changing the saturation by 10% instead.



 FDD653

 FDD653

FFFFFF

 DFBA37

 FFFF8A

 C1A014

 FFFFA6

 A38600

 FFFFC3

 866D00

 FFFFEO

 6A5500

FFFFFFD

 4F3E00

 342800

 1C1400

 000000

 FDD653

 FDD653

 FDD03A

 FDDC6C

 FDCA20

 FDE286

 FDC507

 FDE79F

 FDC300

 FEDEB8

 FDF3D2

 FDF9EB

FDFFFF

# Harmonies

## Analogous

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



FFBE6B



FDD653



BDE865

# Triad

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



FDD653



00F8FF



FFAFFF

# Complementary

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



FDD653



537AFD

# 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.



DCC8FF



FDD653



00F0FF

# Square

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



FDD653



00F9D7



52E0FF



FFA1DC

# Rectangle

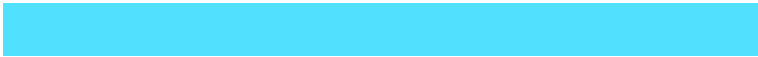
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDD653



88F184



52E0FF



FFB7FF

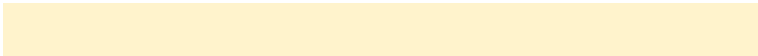


# Sweetspot

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



FDD653



FFF3CC



FD537B



807861



000000



808080



# Same Dimension

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



FDD653



FFD030



D0FD53



807D73



BF9300



403100



# Inverse Universe

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



537AFD



3060FF



8053FD



737680



002CBF



000F40



# Previews

## White Background



This preview shows how the Hex color FDD653 looks on a white background.

## Color Contrast Check

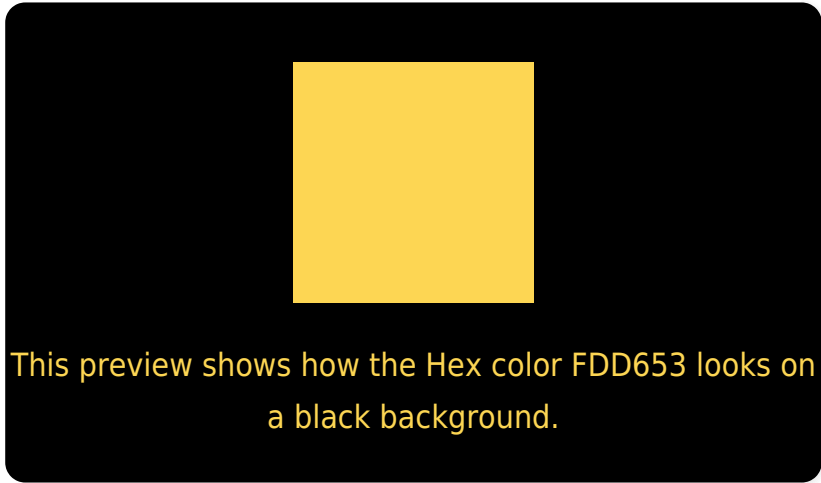
Large Text (above 18pt) WCAG AA × Fail

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 FDD653 Background



This preview shows how black text looks on a background with the Hex color FDD653.

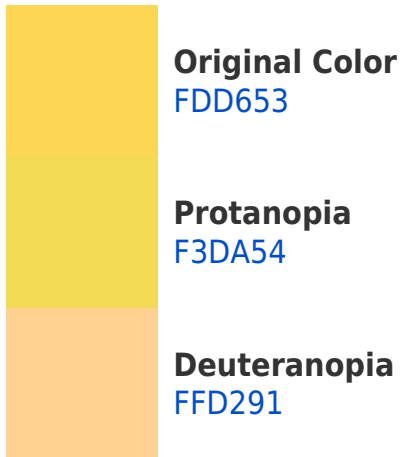


This preview shows how white text looks on a background with the Hex color FDD653.

# Color Blindness Simulation

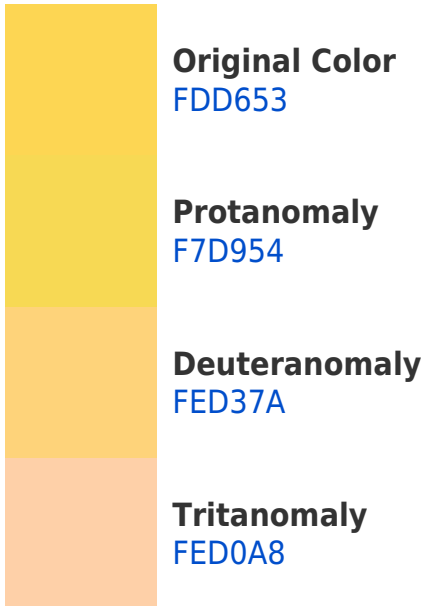
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

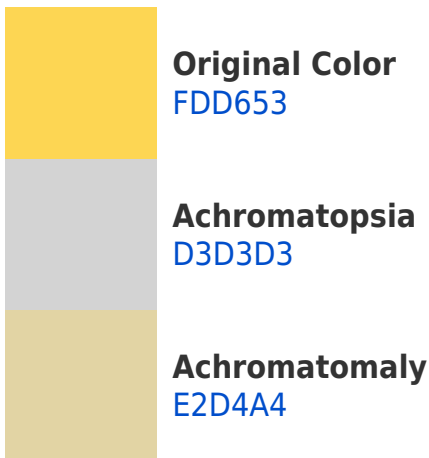




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDD653 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 #FDD653 looks like.

```
.text, #text, p{  
    color:#FDD653  
}
```

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 #FDD653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDD653
}
```

## Border

The CSS property to change the border of an element to Hex FDD653 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
#FDD653 }
```

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

```
.border{ border-color:#FDD653 }
```

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

Here you see how a box with a 4 pixel #FDD653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDD653; -webkit-box-shadow:4px 4px  
4px 4px #FDD653; box-shadow:4px 4px 4px  
4px #FDD653 }
```

# Background

The CSS property to change the background color of an element to Hex FDD653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDD653 }
```

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

```
.background{ background-color:#FDD653 }
```

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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