

Converting Colors

Hex(FDD554)

Have a look what the booklet for
Hex(FDD554) contains.

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Color

Hex(FDD554)

Conversions

Conversions Part 1

Format	Color
Hex	FDD554
RGB	253, 213, 84
RGB Percent	99%, 84%, 33%
CMY	0.0078, 0.1647, 0.6706
CMYK	0.00, 0.16, 0.67, 0.01
HSL	46°, 98%, 66%
HSV	46°, 67%, 99%
XYZ	65.9025, 69.1112, 18.2539
YIQ	210.2540, 65.2490, -31.6390

Conversions

Conversions Part 2

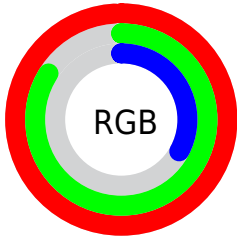
Format	Color
RYB	136, 253, 84
Decimal	16635220
CIELab	86.56, 0.48, 66.55
CIELCh	87, 66.548, 89.586
Yxy	69.1112, 0.4300, 0.4509
Android (android.graphics.Color)	4294825300 (0xFFFDD554)
YUV	210.2540, -62.2432, 37.4882
Hunter-Lab	83.1332, -3.9800, 45.1747

Details

The Hex color **FDD554** 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 **547CFD**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF8B**, and **C19F16** is the 20% darker color. If you saturate the color by 10%, you get **FDCF3B**, and if you desaturate by 10%, it is **FDDB6D**.

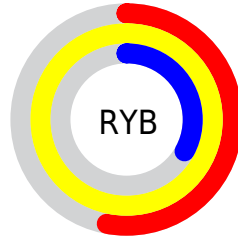
Distribution



Red (99%)

Green (84%)

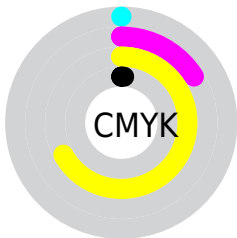
Blue (33%)



Red (53%)

Yellow (99%)

Blue (33%)

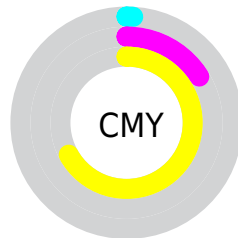


Cyan (0%)

Magenta (16%)

Yellow (67%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDD554 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 FDD554 by changing the saturation by 10% instead.

 FDD554

 FDD554

FFFFFF

 DFB938

 FFFF8B

 C19F16

 FFFFA7

 A38500

 FFFFC3

 866C00

 FFFFEO

 6A5400

FFFFFFE

 4F3D00

 342800

 1C1400

 000000

 FDD554

 FDD554

 FDCF3B

 Fddb6D

 FDC921

 FDE187

 FDC308

 FDE7A0

 FDC100

 FEDEB9

 FDF3D3

 FDF9EC

FDFFFF

Harmonies

Analogous

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



FFBE6C



FDD554



BDE765

Triad

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



FDD554



00F7FF



FFAFFF

Complementary

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



FDD554



547CFD

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.



DAC8FF



FDD554



00EFFF

Square

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



FDD554



00F8D6



50E0FF



FFA1DC

Rectangle

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



FDD554



8AF083



50E0FF



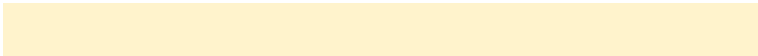
FFB7FF

Sweetspot

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



FDD554



FFF3CC



FD547E



807861



000000



808080

Same Dimension

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



FDD554



FFCF33



D3FD54



807C73



BF9200



403100

Inverse Universe

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



547CFD



3363FF



7E54FD



737680



002DBF



000F40

Previews

White Background



This preview shows how the Hex color FDD554 looks on a white background.

Color Contrast Check

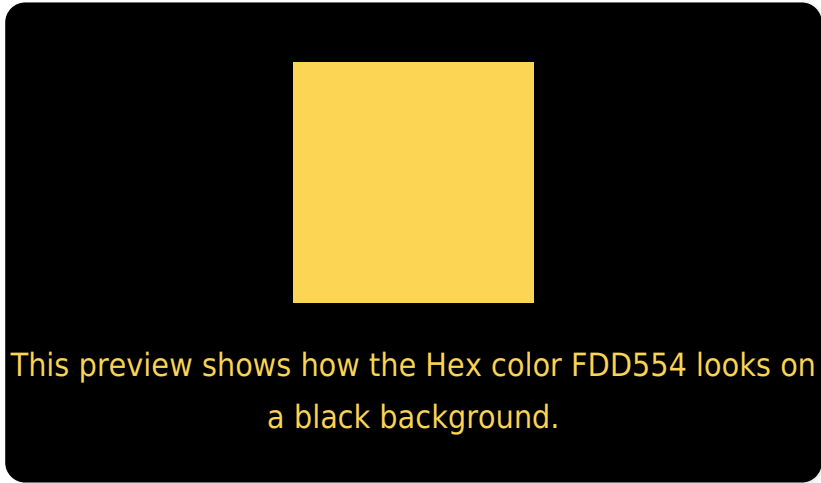
Large Text (above 18pt) WCAG AA × Fail

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 FDD554 Background



This preview shows how black text looks on a background with the Hex color FDD554.

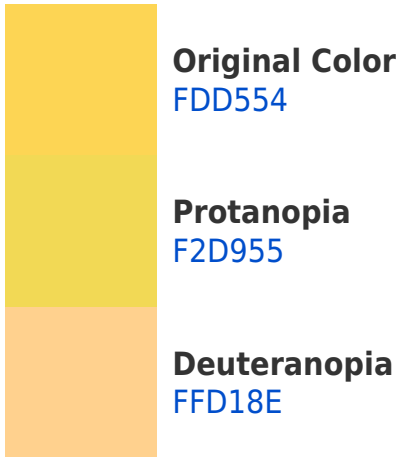


This preview shows how white text looks on a background with the Hex color FDD554.

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](#).

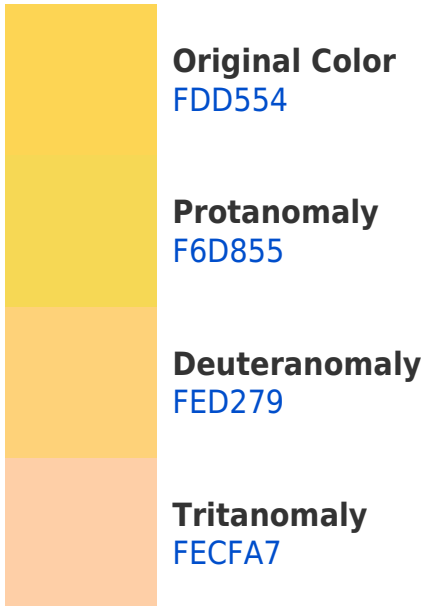
Dichromacy



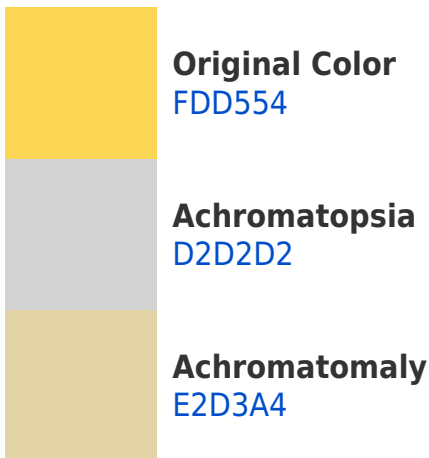


Tritanopia
FFCBD7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDD554 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 #FDD554 looks like.

```
.text, #text, p{  
    color:#FDD554  
}
```

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 #FDD554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDD554
}
```

Border

The CSS property to change the border of an element to Hex FDD554 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
#FDD554 }
```

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

```
.border{ border-color:#FDD554 }
```

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

Here you see how a box with a 4 pixel #FDD554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDD554; -webkit-box-shadow:4px 4px  
4px 4px #FDD554; box-shadow:4px 4px 4px  
4px #FDD554 }
```

Background

The CSS property to change the background color of an element to Hex FDD554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDD554 }
```

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

```
.background{ background-color:#FDD554 }
```

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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