

Converting Colors

Hex(F7DD43)

Have a look what the booklet for
Hex(F7DD43) contains.

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Color

Hex(F7DD43)

Conversions

Conversions Part 1

Format	Color
Hex	F7DD43
RGB	247, 221, 67
RGB Percent	97%, 87%, 26%
CMY	0.0314, 0.1333, 0.7373
CMYK	0.00, 0.11, 0.73, 0.03
HSL	51°, 92%, 62%
HSV	51°, 73%, 97%
XYZ	65.2273, 71.8923, 15.7489
YIQ	211.2180, 64.9300, -42.3820

Conversions

Conversions Part 2

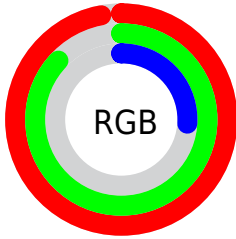
Format	Color
R _Y B	97, 247, 67
Decimal	16244035
CIE Lab	87.92, -6.89, 74.18
CIE LCh	88, 74.501, 95.305
Yxy	71.8923, 0.4267, 0.4703
Android (android.graphics.Color)	4294434115 (0xFFFF7DD43)
YUV	211.2180, -71.0995, 31.3808
Hunter-Lab	84.7893, -11.0636, 48.3399

Details

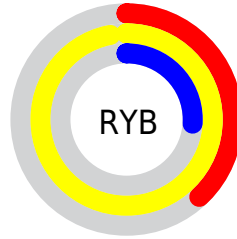
The Hex color **F7DD43** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **435DF7**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF7D**, and **BBA600** is the 20% darker color. If you saturate the color by 10%, you get **F7D92A**, and if you desaturate by 10%, it is **F7E15C**.

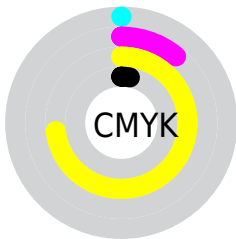
Distribution



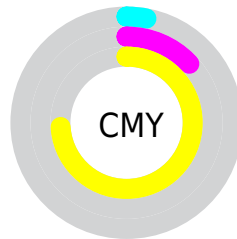
- Red (97%)
- Green (87%)
- Blue (26%)



- Red (38%)
- Yellow (97%)
- Blue (26%)



- Cyan (0%)
- Magenta (11%)
- Yellow (73%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7DD43 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 F7DD43 by changing the saturation by 10% instead.

 F7DD43

 F7DD43

FFFFFF

 D9C122

 FFFF7D

 BBA600

 FFFF99

 9D8C00

 FFFFB6

 807300

 FFFFDD

 645B00

 FFFFF0

 494400

 2F2E00

 161900

 000000

 F7DD43

 F7DD43

 F7D92A

 F7E15C

 F7D612

 F7E474

 F7D300

 F7E88D

 F7EBA6

 F7EFBF

 F7F2D7

 F7F6F0

 F7FAFF

 F7FDFF

Harmonies

Analogous

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



FFC359



F7DD43



ADF061

Triad

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



F7DD43



00DFF



FFA8FF

Complementary

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



F7DD43



435DF7

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.



F0C4FF



F7DD43



00F3FF

Square

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



F7DD43



00FE7



5DE0FF



FF9BD3

Rectangle

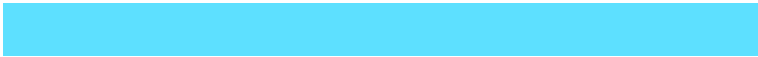
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F7DD43



6BF888



5DE0FF



FFB1FF

Sweetspot

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



F7DD43



FFF7C7



F7435E



807B5E



000000



808080

Same Dimension

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



F7DD43



FFDF21



B8F743



7A796E



BA9F00



3B3200

Inverse Universe

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



435DF7



2141FF



8243F7



6E707A



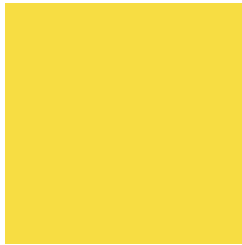
001BBA



00083B

Previews

White Background



This preview shows how the Hex color F7DD43 looks on a white background.

Color Contrast Check

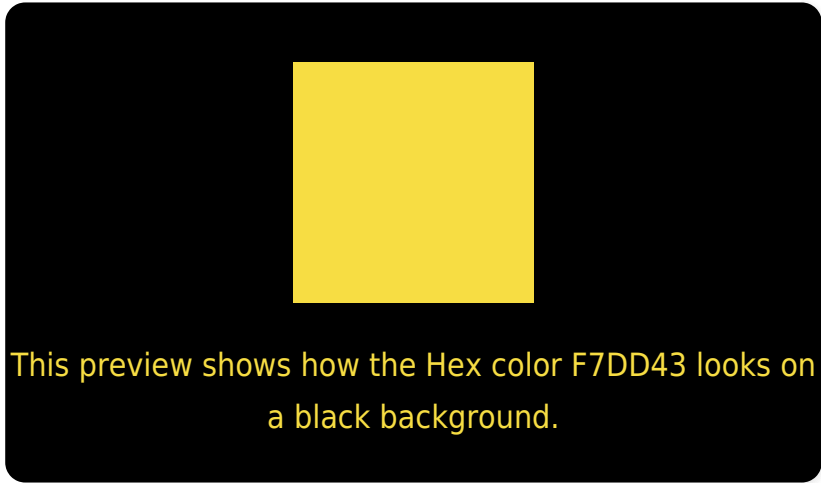
Large Text (above 18pt) WCAG AA × Fail

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 F7DD43 Background



This preview shows how black text looks on a background with the Hex color F7DD43.



This preview shows how white text looks on a background with the Hex color F7DD43.

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
F7DD43

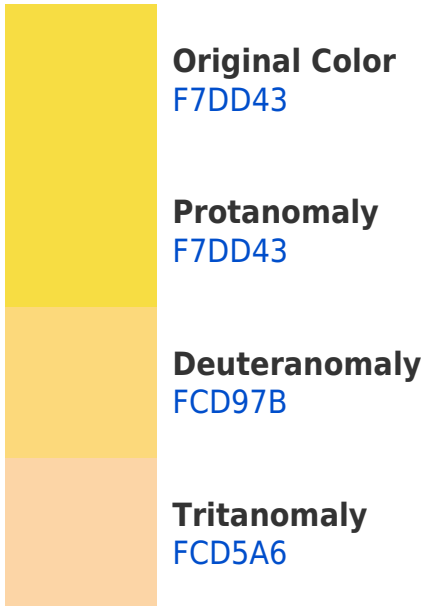
Protanopia
F7DD43

Deuteranopia
FFD69B



Tritanopia
FFD0DE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F7DD43 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 #F7DD43 looks like.

```
.text, #text, p{  
    color:#F7DD43  
}
```

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 #F7DD43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7DD43
}
```

Border

The CSS property to change the border of an element to Hex F7DD43 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
#F7DD43 }
```

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

```
.border{ border-color:#F7DD43 }
```

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

Here you see how a box with a 4 pixel #F7DD43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7DD43; -webkit-box-shadow:4px 4px  
4px 4px #F7DD43; box-shadow:4px 4px 4px  
4px #F7DD43 }
```

Background

The CSS property to change the background color of an element to Hex F7DD43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7DD43 }
```

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

```
.background{ background-color:#F7DD43 }
```

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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