

Converting Colors

Hex(F7D963)

Have a look what the booklet for
Hex(F7D963) contains.

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Color

Hex(F7D963)

Conversions

Conversions Part 1

Format	Color
Hex	F7D963
RGB	247, 217, 99
RGB Percent	97%, 85%, 39%
CMY	0.0314, 0.1490, 0.6118
CMYK	0.00, 0.12, 0.60, 0.03
HSL	48°, 90%, 68%
HSV	48°, 60%, 97%
XYZ	65.4228, 70.3007, 21.9256
YIQ	212.5180, 55.7580, -30.3380

Conversions

Conversions Part 2

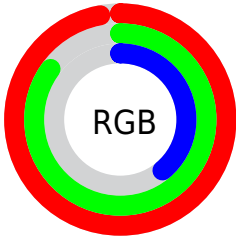
Format	Color
RYB	137, 247, 99
Decimal	16243043
CIELab	87.14, -3.12, 60.61
CIELCh	87, 60.688, 92.945
Yxy	70.3007, 0.4150, 0.4459
Android (android.graphics.Color)	4294433123 (0xFFFF7D963)
YUV	212.5180, -55.9644, 30.2407
Hunter-Lab	83.8455, -7.4502, 43.1875

Details

The Hex color **F7D963** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6381F7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF99**, and **BCA22C** is the 20% darker color. If you saturate the color by 10%, you get **F7D44A**, and if you desaturate by 10%, it is **F7DE7C**.

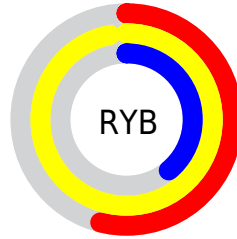
Distribution



Red (97%)

Green (85%)

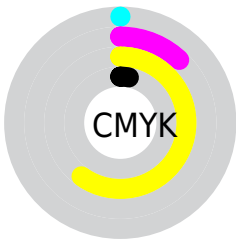
Blue (39%)



Red (54%)

Yellow (97%)

Blue (39%)

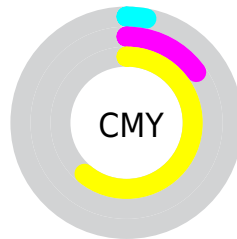


Cyan (0%)

Magenta (12%)

Yellow (60%)

Black (3%)



Cyan (3%)

Magenta (15%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7D963 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 F7D963 by changing the saturation by 10% instead.

 F7D963

 F7D963

FFFFFF

 D9BD48

 FFFF99

 BCA22C

 FFFF85

 9F8807

 FFFF70

 826F00

 FFFF5E

 675700

 4C4000

 322A00

 191600

 000000

 F7D963

 F7D963

 F7D44A

 F7DE7C

 F7CF32

 F7E394

 F7CA19

 F7E8AD

 F7C500

 F7EDC6

 F7F2DF

 F7F7F7

 F7FCFF

 F7FFFF

Harmonies

Analogous

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



FFC474



F7D963



BBE976

Triad

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



F7D963



00F6FF



FFB4FF

Complementary

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



F7D963



6381F7

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.



E6C9FF



F7D963



00EEFF

Square

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



F7D963



00F8DE



7FDEFF



FFA9D7

Rectangle

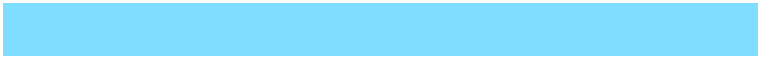
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F7D963



8BF192



7FDEFF



FFBAFF

Sweetspot

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



F7D963



FFF6D1



F76383



807A63



000000



808080

Same Dimension

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



F7D963



FFDA47



CDF763



7A786E



BA9400



3B2F00

Inverse Universe

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



6381F7



476DFF



8D63F7



6E717A



0026BA



000C3B

Previews

White Background



This preview shows how the Hex color F7D963 looks on a white background.

Color Contrast Check

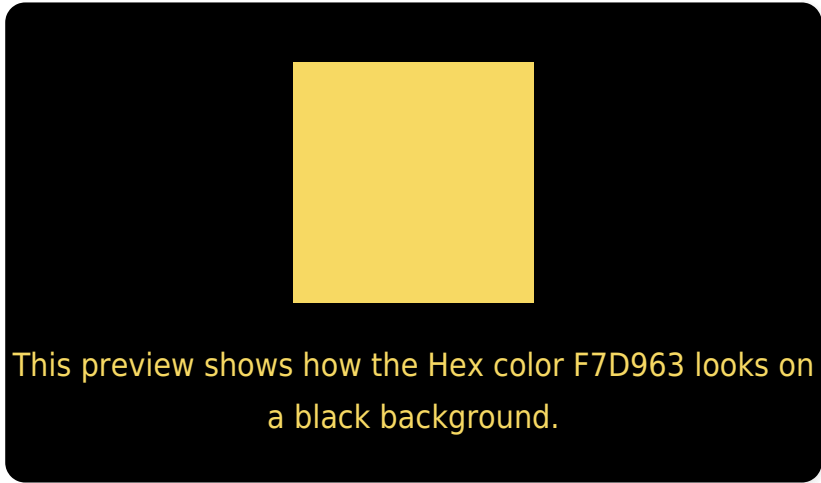
Large Text (above 18pt) WCAG AA × Fail

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 F7D963 Background



This preview shows how black text looks on a background with the Hex color F7D963.

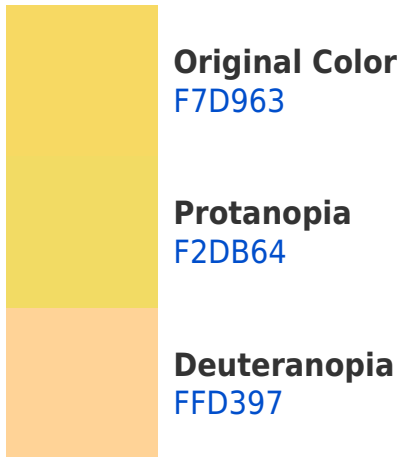


This preview shows how white text looks on a background with the Hex color F7D963.

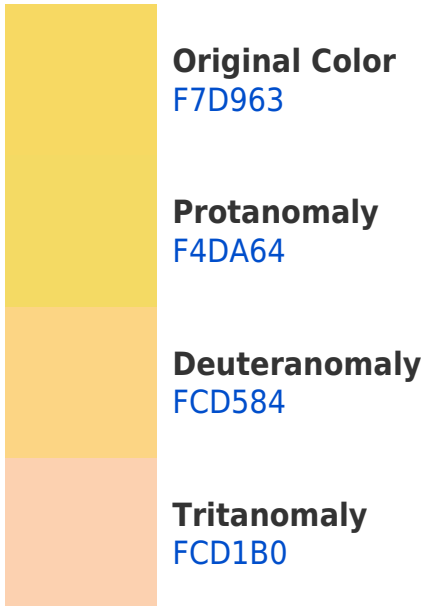
Color Blindness Simulation

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 F7D963 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 #F7D963 looks like.

```
.text, #text, p{  
    color:#F7D963  
}
```

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 #F7D963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7D963
}
```

Border

The CSS property to change the border of an element to Hex F7D963 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
#F7D963 }
```

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

```
.border{ border-color:#F7D963 }
```

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

Here you see how a box with a 4 pixel #F7D963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7D963; -webkit-box-shadow:4px 4px  
4px 4px #F7D963; box-shadow:4px 4px 4px  
4px #F7D963 }
```

Background

The CSS property to change the background color of an element to Hex F7D963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7D963 }
```

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

```
.background{ background-color:#F7D963 }
```

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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