

Converting Colors

Hex(FDB77D)

Have a look what the booklet for
Hex(FDB77D) contains.

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Color

Hex(FDB77D)

Conversions

Conversions Part 1

Format	Color
Hex	FDB77D
RGB	253, 183, 125
RGB Percent	99%, 72%, 49%
CMY	0.0078, 0.2824, 0.5098
CMYK	0.00, 0.28, 0.51, 0.01
HSL	27°, 97%, 74%
HSV	27°, 51%, 99%
XYZ	61.1432, 56.2303, 27.0330
YIQ	197.3180, 60.3380, -3.1980

Conversions

Conversions Part 2

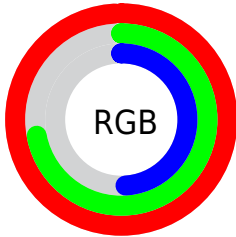
Format	Color
R _Y B	253, 231, 125
Decimal	16627581
CIE Lab	79.74, 18.93, 39.38
CIE LCh	80, 43.690, 64.321
Yxy	56.2303, 0.4234, 0.3894
Android (android.graphics.Color)	4294817661 (0xFFFD77D)
YUV	197.3180, -35.6528, 48.8331
Hunter-Lab	74.9869, 14.3192, 31.1166

Details

The Hex color **FDB77D** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7DC3FD**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFEFB2**, and **C1824B** is the 20% darker color. If you saturate the color by 10%, you get **FDA964**, and if you desaturate by 10%, it is **FDC596**.

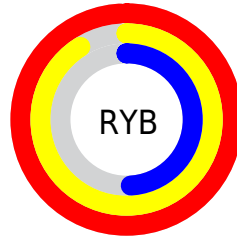
Distribution



Red (99%)

Green (72%)

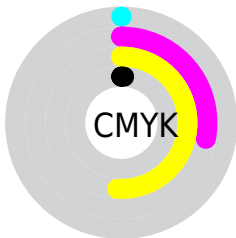
Blue (49%)



Red (99%)

Yellow (91%)

Blue (49%)

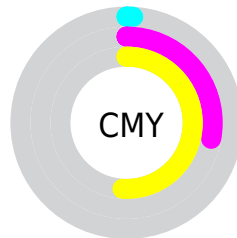


Cyan (0%)

Magenta (28%)

Yellow (51%)

Black (1%)



Cyan (1%)

Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDB77D 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 FDB77D by changing the saturation by 10% instead.

 FDB77D

FFFFFF

 FFEFB2

 FFFFCE

 FFFFEB

 FDB77D

 DF9C63

 C1824B

 A46933

 88501B

 6C3902

 512300

 360E00

 200001

 000000

 FDB77D

 FDB77D

 FDA964

 FDC596

 FD9B4A

 FDD3B0

 FD8D31

 FDE1C9

 FD8018

 FDEEE2

 FD7300

 FDFCFC

FDFFFF

Harmonies

Analogous

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



FFAA9A



FDB77D



DAC573

Triad

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



FDB77D



40DBCA



D2B9FF

Complementary

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



FDB77D



7DC3FD

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.



93C8FF



FDB77D



00DAF2

Square

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



FDB77D



7DD8A1



45D3FF



FEABEA

Rectangle

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



FDB77D



BECD7A



45D3FF



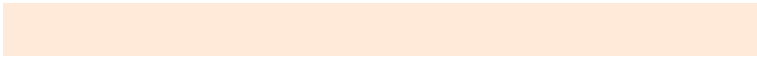
BFBEFF

Sweetspot

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



FDB77D



FFEAD9



FD7DC3



807369



000000



808080

Same Dimension

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



FDB77D



FFAA63



FDF77D



807973



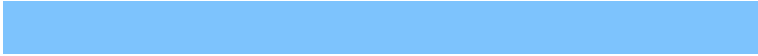
BF5700



401D00

Inverse Universe

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



7DC3FD



63B9FF



7D83FD



737A80



0069BF



002340

Previews

White Background



This preview shows how the Hex color FDB77D looks on a white background.

Color Contrast Check

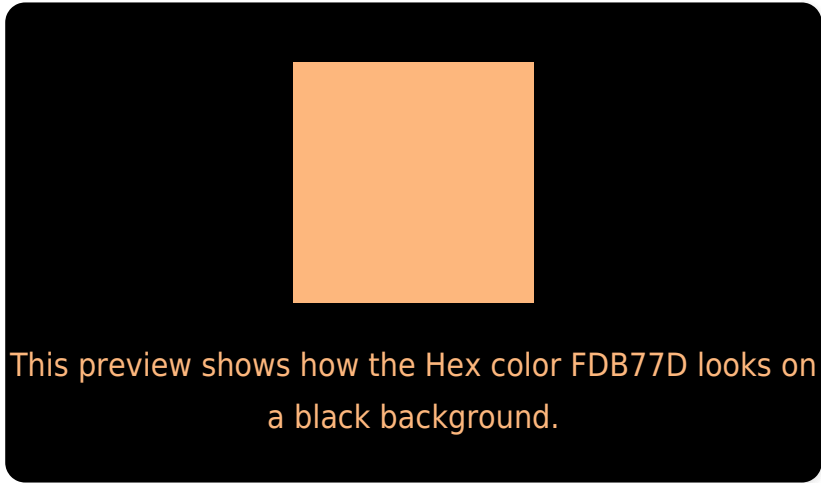
Large Text (above 18pt) WCAG AA × Fail

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

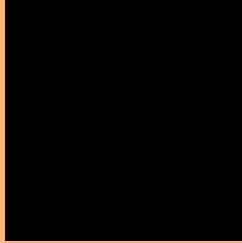
Any Text WCAG AA ✓ Pass

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 FDB77D Background



This preview shows how black text looks on a background with the Hex color FDB77D.

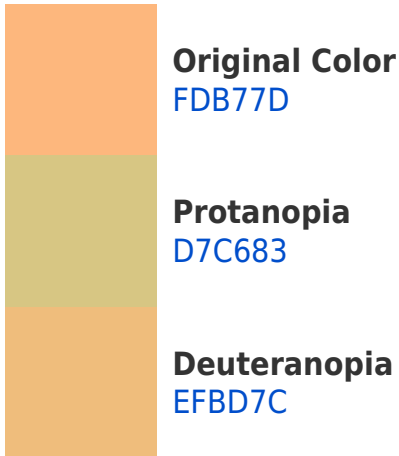


This preview shows how white text looks on a background with the Hex color FDB77D.

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
FFB1BD

Trichromacy



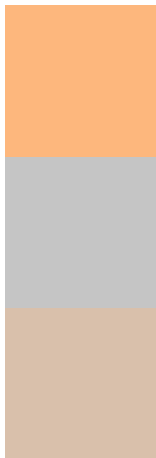
Original Color
FDB77D

Protanomaly
E5C181

Deuteranomaly
F4BB7C

Tritanomaly
FEB3A6

Monochromacy



Original Color
FDB77D

Achromatopsia
C5C5C5

Achromatomaly
D9C0AB

CSS Examples

Text

The CSS property to change the color of the text to Hex FDB77D 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 #FDB77D looks like.

```
.text, #text, p{  
    color:#FDB77D  
}
```

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 #FDB77D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDB77D
}
```

Border

The CSS property to change the border of an element to Hex FDB77D 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
#FDB77D }
```

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

```
.border{ border-color:#FDB77D }
```

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

Here you see how a box with a 4 pixel #FDB77D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDB77D; -webkit-box-shadow:4px 4px  
4px 4px #FDB77D; box-shadow:4px 4px 4px  
4px #FDB77D }
```

Background

The CSS property to change the background color of an element to Hex FDB77D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDB77D }
```

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

```
.background{ background-color:#FDB77D }
```

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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