

Converting Colors

Hex(FFB17D)

Have a look what the booklet for
Hex(FFB17D) contains.

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Color

Hex(FFB17D)

Conversions

Conversions Part 1

Format	Color
Hex	FFB17D
RGB	255, 177, 125
RGB Percent	100%, 69%, 49%
CMY	0.0000, 0.3059, 0.5098
CMYK	0.00, 0.31, 0.51, 0.00
HSL	24°, 100%, 75%
HSV	24°, 51%, 100%
XYZ	60.6638, 54.1849, 26.6634
YIQ	194.3940, 63.1800, 0.3640

Conversions

Conversions Part 2

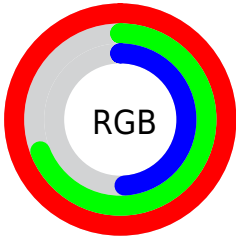
Format	Color
R _Y B	255, 212, 125
Decimal	16757117
CIE Lab	78.57, 22.87, 37.92
CIE LCh	79, 44.285, 58.912
Yxy	54.1849, 0.4287, 0.3829
Android (android.graphics.Color)	4294947197 (0xFFFFB17D)
YUV	194.3940, -34.2112, 53.1515
Hunter-Lab	73.6104, 18.2871, 30.0511

Details

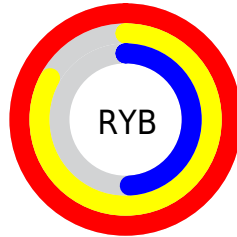
The Hex color **FFB17D** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7DCBFF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFE9B2**, and **C37C4B** is the 20% darker color. If you saturate the color by 10%, you get **FFA264**, and if you desaturate by 10%, it is **FFC097**.

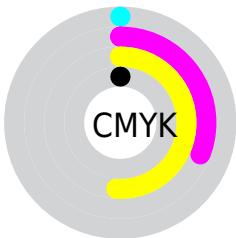
Distribution



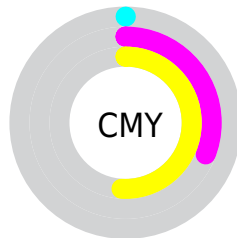
- Red (100%)
- Green (69%)
- Blue (49%)



- Red (100%)
- Yellow (83%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (51%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB17D 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 FFB17D by changing the saturation by 10% instead.

 FFB17D

 FFB17D

FFFFFF

 E19664

 FFE9B2

 C37C4B

 FFFFCE

 A66333

 FFFFEA

 894B1C

 6D3303

 521D00

 370700

 1E0001

 000000

 `FFB17D`

 `FFB17D`

 `FFA264`

 `FFC097`

 `FF924A`

 `FFD0B0`

 `FF8331`

 `FFDFCA`

 `FF7417`

 `FFEEE3`

 `FF6600`

`FFFEFD`

`FFFFFF`

Harmonies

Analogous

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



FFA59D



FFB17D



DEBF6F

Triad

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



FFB17D



45D8BF



C5B8FF

Complementary

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



FFB17D



7DCBFF

Split Complementary

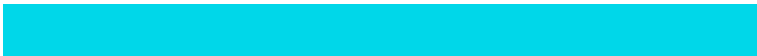
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81C7FF



FFB17D



00D7E9

Square

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



FFB17D



83D496



26D2FF



F5AAEE

Rectangle

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



FFB17D



C3C873



26D2FF



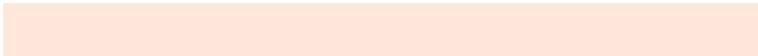
B0BDFF

Sweetspot

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



FFB17D



FFE8D9



FF7DCB



807269



000000



808080

Same Dimension

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



FFB17D



FFA263



FFF27D



807873



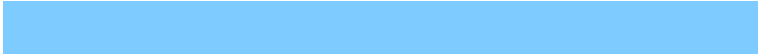
BF4D00



401A00

Inverse Universe

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



7DCBFF



63C1FF



7D8AFF



737A80



0073BF



002640

Previews

White Background



This preview shows how the Hex color FFB17D looks on a white background.

Color Contrast Check

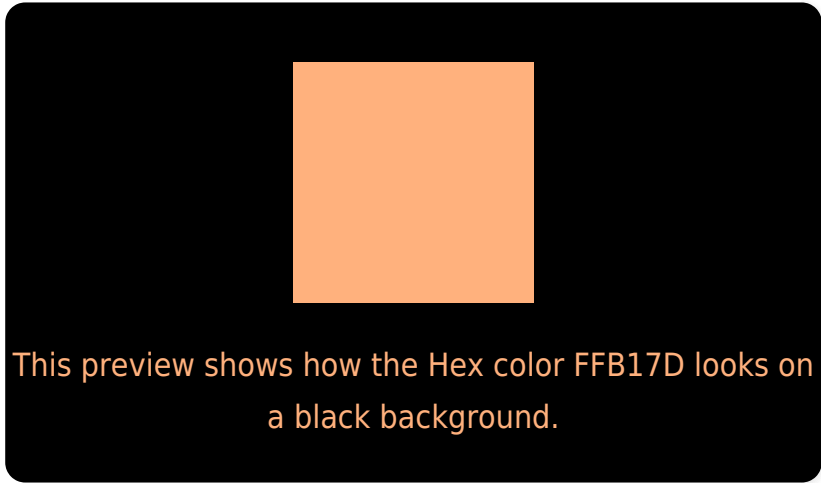
Large Text (above 18pt) WCAG AA × Fail

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

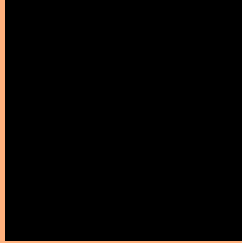
Any Text WCAG AA ✓ Pass

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 FFB17D Background



This preview shows how black text looks on a background with the Hex color FFB17D.

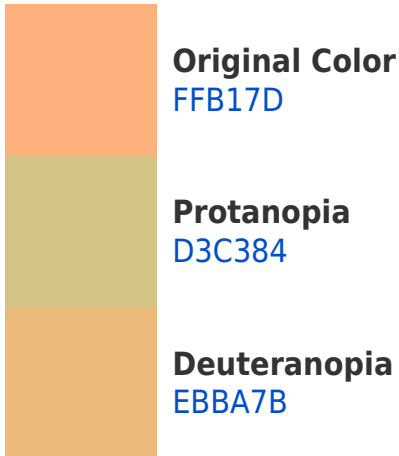


This preview shows how white text looks on a background with the Hex color FFB17D.

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](#).

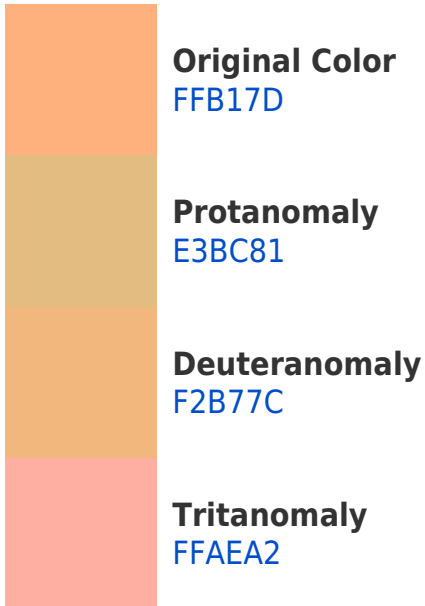
Dichromacy



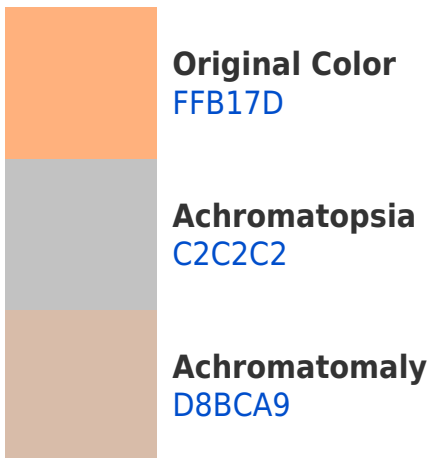


Tritanopia
FFACB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB17D 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 #FFB17D looks like.

```
.text, #text, p{  
    color:#FFB17D  
}
```

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 #FFB17D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB17D }  
}
```

Border

The CSS property to change the border of an element to Hex FFB17D 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 #FFB17D }  
}
```

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

```
.border{ border-color:#FFB17D }
```

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

Here you see how a box with a 4 pixel #FFB17D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB17D; -webkit-box-shadow:4px 4px  
4px 4px #FFB17D; box-shadow:4px 4px 4px  
4px #FFB17D }
```

Background

The CSS property to change the background color of an element to Hex FFB17D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB17D }
```

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

```
.background{ background-color:#FFB17D }
```

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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