

# Converting Colors

Hex(FAA781)

Have a look what the booklet for  
Hex(FAA781) contains.

<b>Hex(FAA781)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FAA781)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAA781
RGB	250, 167, 129
RGB Percent	98%, 65%, 51%
CMY	0.0196, 0.3451, 0.4941
CMYK	0.00, 0.33, 0.48, 0.02
HSL	19°, 92%, 74%
HSV	19°, 48%, 98%
XYZ	57.2055, 49.5464, 27.3172
YIQ	187.4850, 61.6660, 5.7780

# Conversions

## Conversions Part 2

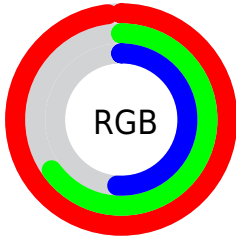
Format	Color
R <sub>Y</sub> B	250, 184, 129
Decimal	16426881
CIE Lab	75.79, 26.51, 32.12
CIE LCh	76, 41.643, 50.468
Yxy	49.5464, 0.4267, 0.3696
Android (android.graphics.Color)	4294616961 (0xFFFAA781)
YUV	187.4850, -28.8331, 54.8257
Hunter-Lab	70.3892, 21.8863, 26.2627

# Details

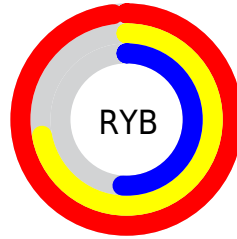
The Hex color **FAA781** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81D4FA**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFDFB6**, and **BE724F** is the 20% darker color. If you saturate the color by 10%, you get **FA9668**, and if you desaturate by 10%, it is **FAB89A**.

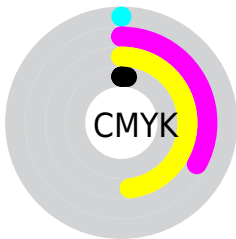
# Distribution



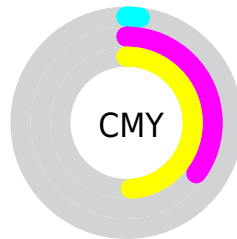
- Red (98%)
- Green (65%)
- Blue (51%)



- Red (98%)
- Yellow (72%)
- Blue (51%)



- Cyan (0%)
- Magenta (33%)
- Yellow (48%)
- Black (2%)



- Cyan (2%)
- Magenta (35%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FAA781 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 FAA781 by changing the saturation by 10% instead.



 FAA781

 FAA781

FFFFFF

 DC8C68

 FFDFB6

 BE724F

 FFFBD2

 A15938

 FFFFEE

 854121

 692A0B

 4E1300

 330000

 130000

 000000

FAA781

FAA781

FA9668

FAB89A

FA854F

FAC9B3

FA7436

FADACC

FA621D

FAECE5

FA5104

FAFDFF

FA4F00

FAFFFF

# Harmonies

## Analogous

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



FF9EA2



FAA781



DFB46F

# Triad

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



FAA781



5ACEAD



ADB5FF

# Complementary

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



FAA781



81D4FA

# 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.



6CC2FF



FAA781



11CFD4

# Square

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



FAA781



8DCA89



19CBF5



DFA7EC

# Rectangle

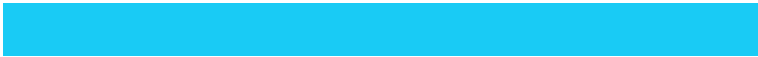
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FAA781



C7BD6E



19CBF5



99BAFF

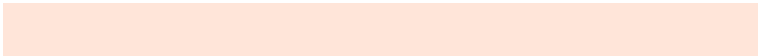


# Sweetspot

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



FAA781



FFE5D9



FA81D6



807069



000000



808080



# Same Dimension

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



FAA781



FF9A6B



FAE281



7D7470



BD3B00



3D1300



# Inverse Universe

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



81D4FA



6BD1FF



8199FA



70797D



0081BD



002A3D



# Previews

## White Background



This preview shows how the Hex color FAA781 looks on a white background.

## Color Contrast Check

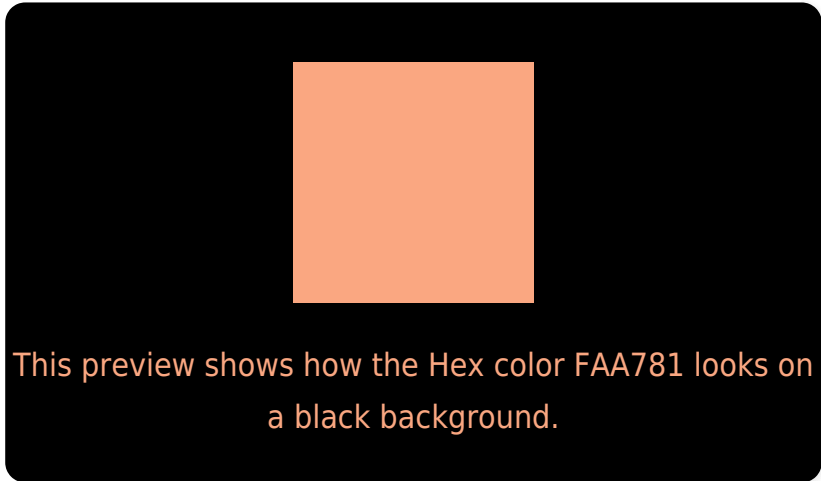
Large Text (above 18pt) WCAG AA × Fail

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 FAA781 Background



This preview shows how black text looks on a background with the Hex color FAA781.

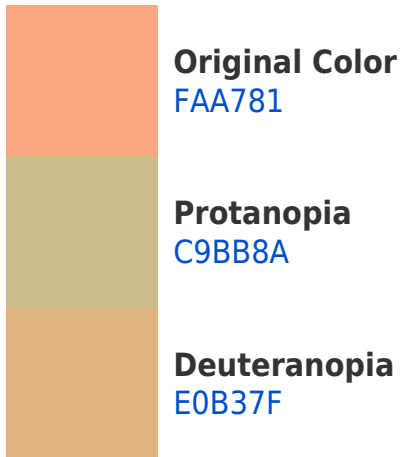


This preview shows how white text looks on a background with the Hex color FAA781.

# Color Blindness Simulation

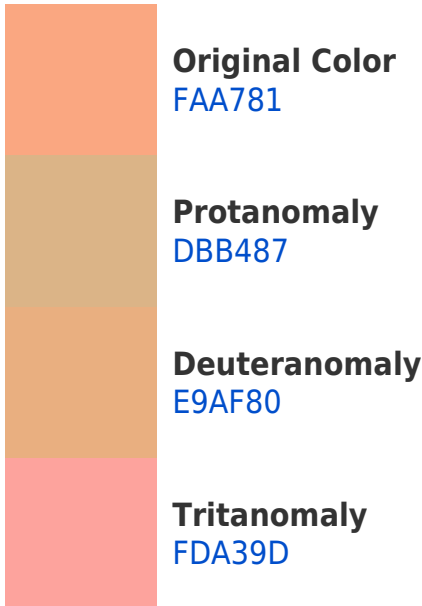
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

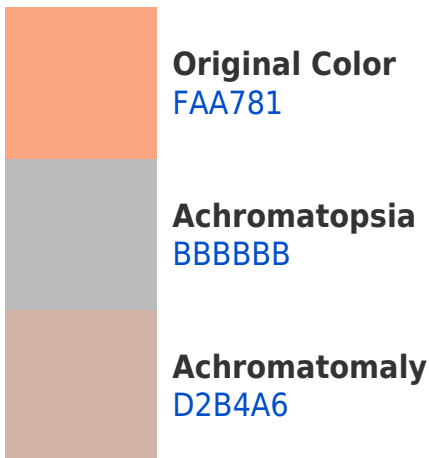




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FAA781 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 #FAA781 looks like.

```
.text, #text, p{  
    color:#FAA781  
}
```

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 #FAA781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAA781
}
```

## Border

The CSS property to change the border of an element to Hex FAA781 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
#FAA781 }
```

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

```
.border{ border-color:#FAA781 }
```

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

Here you see how a box with a 4 pixel #FAA781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAA781; -webkit-box-shadow:4px 4px  
4px 4px #FAA781; box-shadow:4px 4px 4px  
4px #FAA781 }
```

# Background

The CSS property to change the background color of an element to Hex FAA781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAA781 }
```

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

```
.background{ background-color:#FAA781 }
```

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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