

# Converting Colors

Hex(FDA191)

Have a look what the booklet for  
Hex(FDA191) contains.

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**Color**

**Hex(FDA191)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDA191
RGB	253, 161, 145
RGB Percent	99%, 63%, 57%
CMY	0.0078, 0.3686, 0.4314
CMYK	0.00, 0.36, 0.43, 0.01
HSL	9°, 96%, 78%
HSV	9°, 43%, 99%
XYZ	58.3637, 48.4167, 33.0573
YIQ	186.6840, 59.9680, 14.5280

# Conversions

## Conversions Part 2

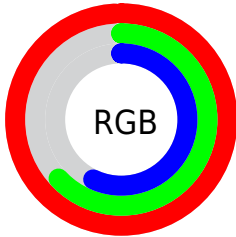
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 164, 145
Decimal	16621969
CIE Lab	75.09, 32.37, 22.63
CIE LCh	75, 39.491, 34.956
Yxy	48.4167, 0.4174, 0.3462
Android (android.graphics.Color)	4294812049 (0xFFFDA191)
YUV	186.6840, -20.5502, 58.1591
Hunter-Lab	69.5821, 27.9525, 20.5398

# Details

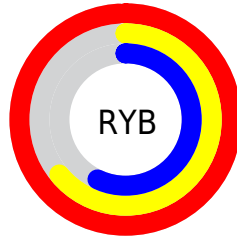
The Hex color **FDA191** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91EDFD**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFD9C7**, and **C26C5E** is the 20% darker color. If you saturate the color by 10%, you get **FD8B78**, and if you desaturate by 10%, it is **FDB7AA**.

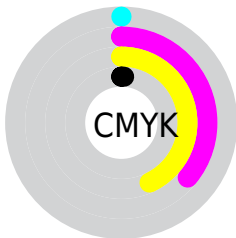
# Distribution



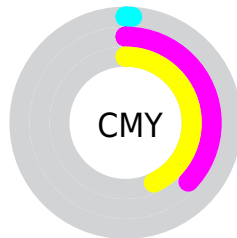
- Red (99%)
- Green (63%)
- Blue (57%)



- Red (99%)
- Yellow (64%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)
- Black (1%)



- Cyan (1%)
- Magenta (37%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDA191 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 FDA191 by changing the saturation by 10% instead.



 FDA191

 FDA191

FFFFFF

 DF8677

 FFD9C7

 C26C5E

 FFF5E3

 A55347

 883B30

 6C221B

 510802

 360000

 180001

 000000

 FDA191

 FDA191

 FD8B78

 FDB7AA

 FD765E

 FDCCC4

 FD6045

 FDE2DD

 FD4B2C

 FDF7F6

 FD3513

FDFFFF

 FD2500

# Harmonies

## Analogous

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



FF9DB4



FDA191



EAAC78

# Triad

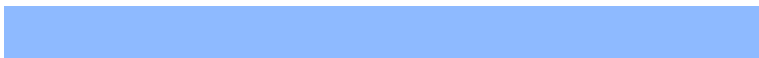
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FDA191



78CA99



8EBAFF

# Complementary

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



FDA191



91EDFD

# 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.



4FC5FA



FDA191



46CCBE

# Square

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



FDA191



A4C37C



20CBE1



C5ADF5

# Rectangle

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



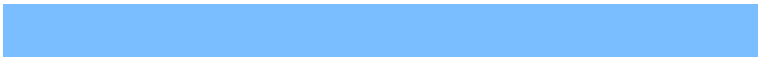
FDA191



D7B570



20CBE1



7ABEFF

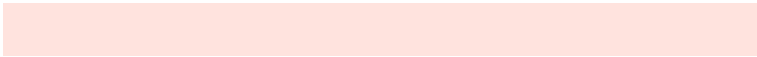


# Sweetspot

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



FDA191



FFE3DE



FD91EF



806E6B



000000



808080



# Same Dimension

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



FDA191



FF907D



FDD591



807573



BF1C00



400900

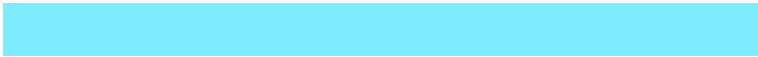


# Inverse Universe

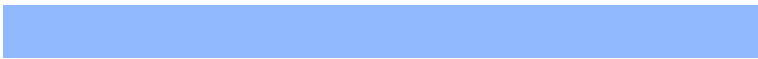
The Inverse Universe completely reimagines the original color for something new.



91EDFD



7DECFE



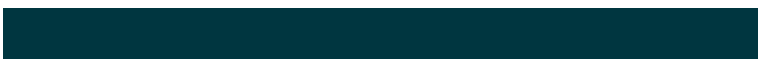
91B9FD



737E80



00A3BF

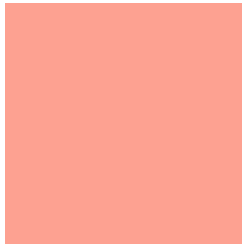


003640



# Previews

## White Background



This preview shows how the Hex color FDA191 looks on a white background.

## Color Contrast Check

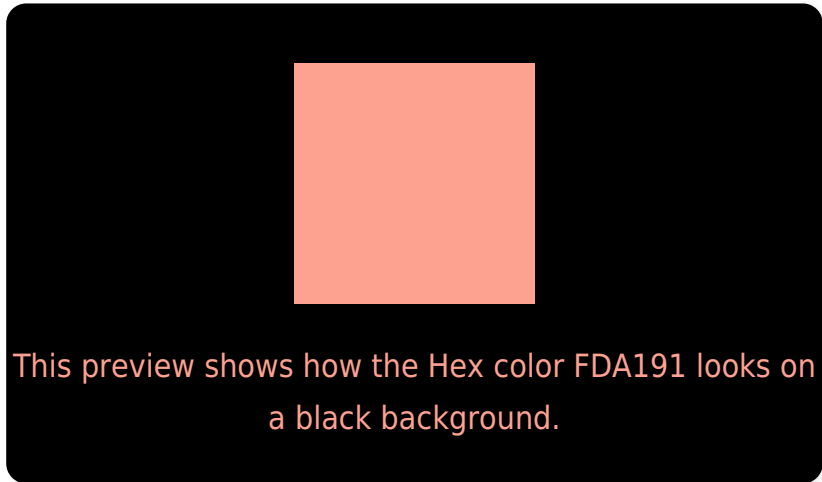
Large Text (above 18pt) WCAG AA × Fail

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 FDA191 Background



This preview shows how black text looks on a background with the Hex color FDA191.

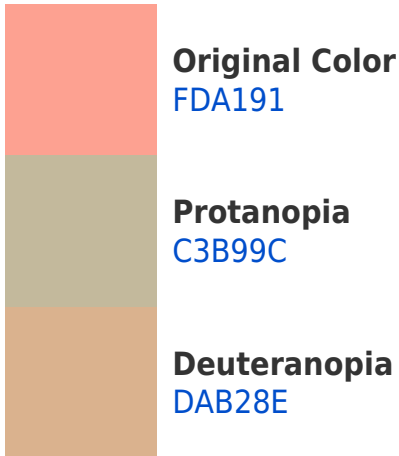


This preview shows how white text looks on a background with the Hex color FDA191.

# 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](#).

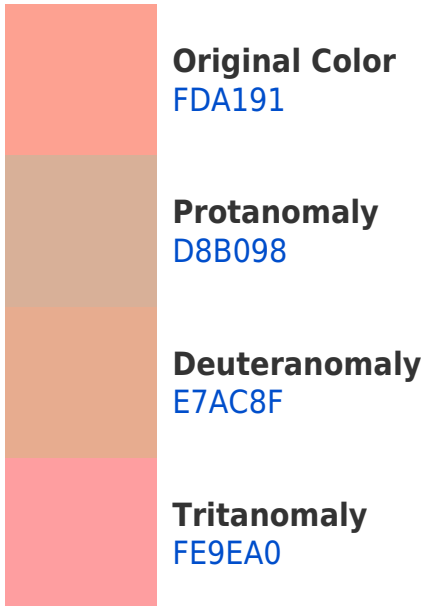
## Dichromacy



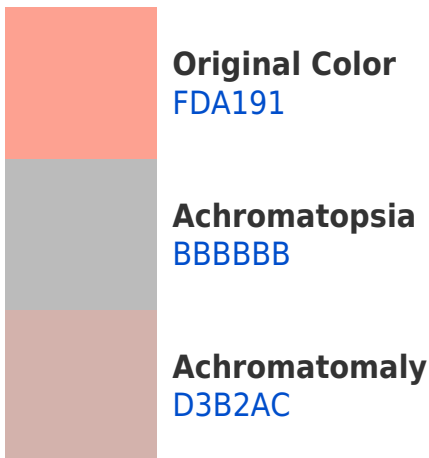


**Tritanopia**  
FF9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDA191 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 #FDA191 looks like.

```
.text, #text, p{  
    color:#FDA191  
}
```

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 #FDA191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDA191
}
```

## Border

The CSS property to change the border of an element to Hex FDA191 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
#FDA191 }
```

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

```
.border{ border-color:#FDA191 }
```

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

Here you see how a box with a 4 pixel #FDA191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDA191; -webkit-box-shadow:4px 4px  
4px 4px #FDA191; box-shadow:4px 4px 4px  
4px #FDA191 }
```

# Background

The CSS property to change the background color of an element to Hex FDA191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDA191 }
```

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

```
.background{ background-color:#FDA191 }
```

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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