

# Converting Colors

Hex(FFD190)

Have a look what the booklet for  
Hex(FFD190) contains.

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# **Color**

**Hex(FFD190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD190
RGB	255, 209, 144
RGB Percent	100%, 82%, 56%
CMY	0.0000, 0.1804, 0.4353
CMYK	0.00, 0.18, 0.44, 0.00
HSL	35°, 100%, 78%
HSV	35°, 44%, 100%
XYZ	69.0745, 68.8745, 36.0391
YIQ	215.3440, 48.2810, -10.4630

# Conversions

## Conversions Part 2

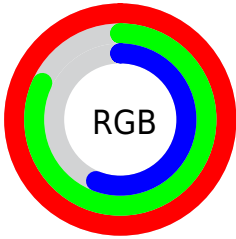
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 255, 144
Decimal	16765328
CIE Lab	86.44, 7.97, 38.28
CIE LCh	86, 39.099, 78.231
Yxy	68.8745, 0.3970, 0.3959
Android (android.graphics.Color)	4294955408 (0xFFFFD190)
YUV	215.3440, -35.1726, 34.7783
Hunter-Lab	82.9907, 3.3348, 32.3466

# Details

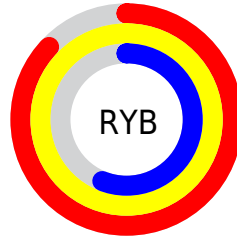
The Hex color **FFD190** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **90BEFF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFC6**, and **C49B5D** is the 20% darker color. If you saturate the color by 10%, you get **FFC677**, and if you desaturate by 10%, it is **FFDCAA**.

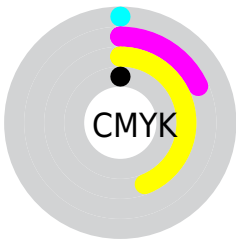
# Distribution



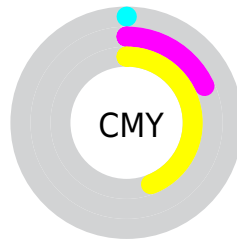
- Red (100%)
- Green (82%)
- Blue (56%)



- Red (87%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD190 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 FFD190 by changing the saturation by 10% instead.



 FFD190

 FFD190

FFFFFF

 E1B576


 FFFFC6

 C49B5D

 FFFF E3

 A88144

 8C682C

 715014

 563900

 3D2400

 240F00

 000000

 FFD190

 FFD190

 FFC677

 FFDCAA

 FFBC5D

 FFE6C3

 FFB143

 FFF1DD

 FFA72A

 FFFBF6

 FF9C10

FFFFFF

 FF9500

# Harmonies

## Analogous

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



FFC5A3



FFD190



DBDD91

# Triad

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



FFD190



5FECEE



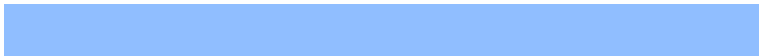
F9C7FF

# Complementary

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



FFD190



90BEFF

# 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.



C9D4FF



FFD190



60E9FF

# Square

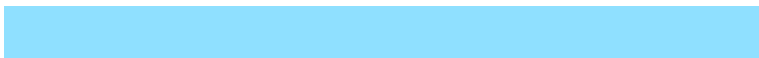
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFD190



84ECC8



8FE0FF



FFBEE9

# Rectangle

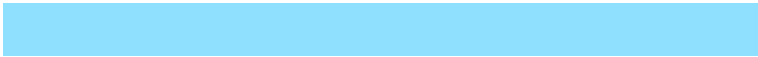
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD190



BFE49D



8FE0FF



EACBFF

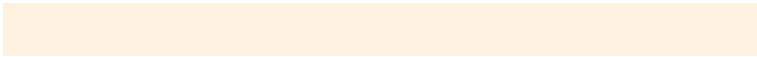


# Sweetspot

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



FFD190



FFF1DE



FF90BE



80776B



000000



808080



# Same Dimension

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



FFD190



FFC87A



F6FF90



807A73



BF7000



402500

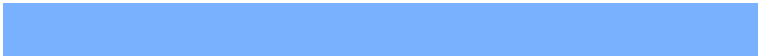


# Inverse Universe

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



90BEFF



7AB1FF



9990FF



737880



004FBF



001A40



# Previews

## White Background



This preview shows how the Hex color FFD190 looks on a white background.

## Color Contrast Check

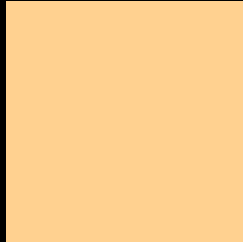
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FFD190 looks on a 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 FFD190 Background



This preview shows how black text looks on a background with the Hex color FFD190.

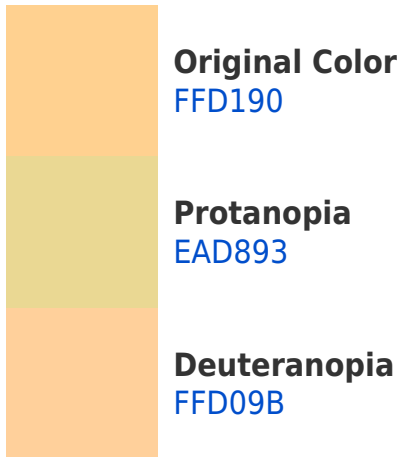


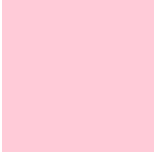
This preview shows how white text looks on a background with the Hex color FFD190.

# 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](#).

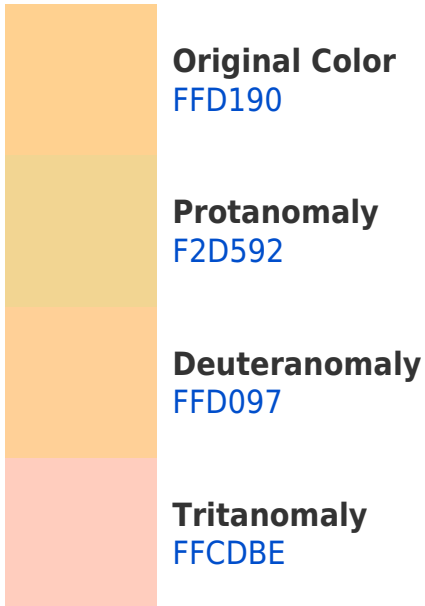
## Dichromacy



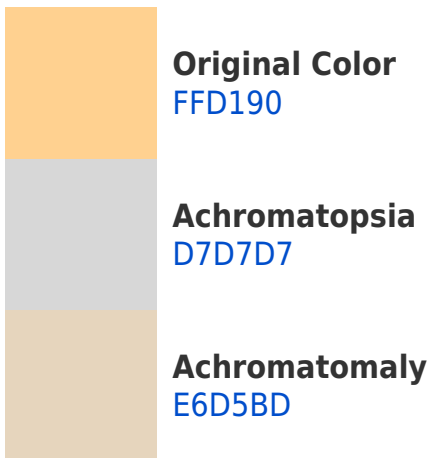


**Tritanopia**  
FFCBD8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD190 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 #FFD190 looks like.

```
.text, #text, p{  
    color:#FFD190  
}
```

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 #FFD190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD190
}
```

## Border

The CSS property to change the border of an element to Hex FFD190 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
#FFD190 }
```

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

```
.border{ border-color:#FFD190 }
```

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

Here you see how a box with a 4 pixel #FFD190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD190; -webkit-box-shadow:4px 4px  
4px 4px #FFD190; box-shadow:4px 4px 4px  
4px #FFD190 }
```

# Background

The CSS property to change the background color of an element to Hex FFD190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD190 }
```

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

```
.background{ background-color:#FFD190 }
```

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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