

# Converting Colors

Hex(F2CB80)

Have a look what the booklet for  
Hex(F2CB80) contains.

<b>Hex(F2CB80)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F2CB80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2CB80
RGB	242, 203, 128
RGB Percent	95%, 80%, 50%
CMY	0.0510, 0.2039, 0.4980
CMYK	0.00, 0.16, 0.47, 0.05
HSL	39°, 81%, 73%
HSV	39°, 47%, 95%
XYZ	61.8702, 63.1476, 29.3499
YIQ	206.1110, 47.3190, -15.0570

# Conversions

## Conversions Part 2

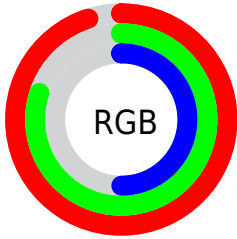
Format	Color
<a href="#">RYB</a>	<a href="#">187, 242, 128</a>
Decimal	<a href="#">15911808</a>
CIELab	<a href="#">83.52, 4.36, 42.39</a>
CIElCh	<a href="#">84, 42.615, 84.123</a>
Yxy	<a href="#">63.1476, 0.4008, 0.4091</a>
Android (android.graphics.Color)	<a href="#">4294101888 (0xFFFF2CB80)</a>
YUV	<a href="#">206.1110, -38.5087, 31.4747</a>
Hunter-Lab	<a href="#">79.4655, -0.0882, 33.7276</a>

# Details

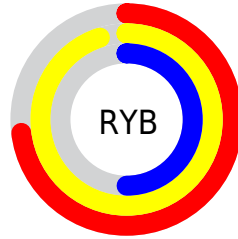
The Hex color **F2CB80** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80A7F2**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFB6**, and **B8954D** is the 20% darker color. If you saturate the color by 10%, you get **F2C368**, and if you desaturate by 10%, it is **F2D398**.

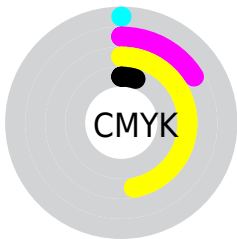
# Distribution



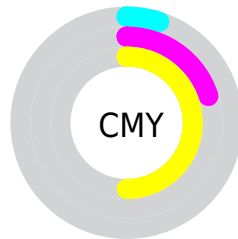
- Red (95%)
- Green (80%)
- Blue (50%)



- Red (73%)
- Yellow (95%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (47%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2CB80 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 F2CB80 by changing the saturation by 10% instead.



 F2CB80

 F2CB80

FFFFFF

 D5B066

 FFFFB6

 B8954D

 FFFFD2


 9B7B34

 FFFFEE

 80631C

 654B00

 4B3400

 312000

 190900

 000000

 F2CB80

 F2CB80

 F2C368

 F2D398

 F2BA50

 F2DCB0

 F2B237

 F2E4C9

 F2AA1F

 F2ECE1

 F2A207

 F2F4F9

 F29F00

 F2FDFF

 F2FFFF

# Harmonies

## Analogous

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



FFBD91



F2CB80



CAD886

# Triad

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



F2CB80



33E5F0



FBBAFF

# Complementary

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



F2CB80



80A7F2

# 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.



CAC9FF



F2CB80



45E0FF

# Square

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



F2CB80



67E5C7



89D6FF



FFB2DA

# Rectangle

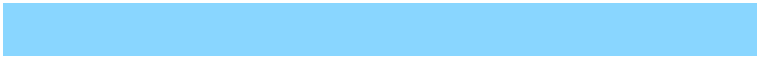
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2CB80



ABDE95



89D6FF



EDBFFF



# Sweetspot

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



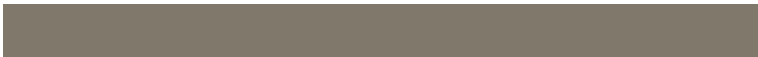
F2CB80



FFF3DB



F280A8



80786A



000000



808080



# Same Dimension

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



F2CB80



FFCD6E



E1F280



78746C



B87900



382500

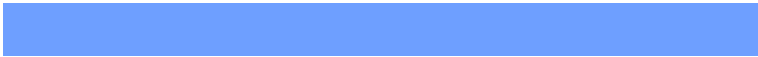


# Inverse Universe

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



80A7F2



6E9FFF



9180F2



6C7078



003FB8



001338



# Previews

## White Background



This preview shows how the Hex color F2CB80 looks on a white background.

## Color Contrast Check

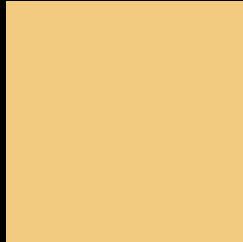
Large Text (above 18pt) WCAG AA × Fail

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 F2CB80 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 F2CB80 Background



This preview shows how black text looks on a background with the Hex color F2CB80.

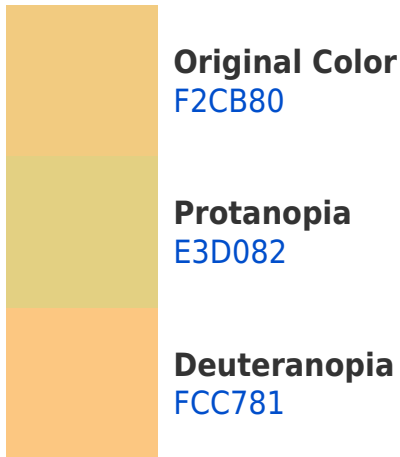


This preview shows how white text looks on a background with the Hex color F2CB80.

# Color Blindness Simulation

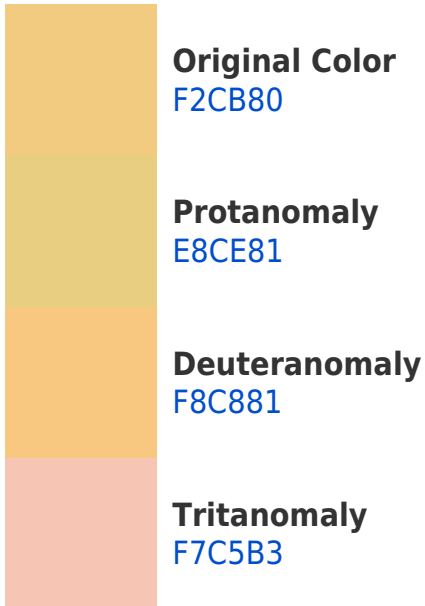
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2CB80 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 #F2CB80 looks like.

```
.text, #text, p{  
    color:#F2CB80  
}
```

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 #F2CB80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2CB80
}
```

## Border

The CSS property to change the border of an element to Hex F2CB80 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
#F2CB80 }
```

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

```
.border{ border-color:#F2CB80 }
```

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

Here you see how a box with a 4 pixel #F2CB80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2CB80; -webkit-box-shadow:4px 4px  
4px 4px #F2CB80; box-shadow:4px 4px 4px  
4px #F2CB80 }
```

# Background

The CSS property to change the background color of an element to Hex F2CB80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2CB80 }
```

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

```
.background{ background-color:#F2CB80 }
```

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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