

# Converting Colors

Hex(F7CC90)

Have a look what the booklet for  
Hex(F7CC90) contains.

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# **Color**

**Hex(F7CC90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7CC90
RGB	247, 204, 144
RGB Percent	97%, 80%, 56%
CMY	0.0314, 0.2000, 0.4353
CMYK	0.00, 0.17, 0.42, 0.03
HSL	35°, 87%, 77%
HSV	35°, 42%, 97%
XYZ	64.9847, 64.9735, 35.5016
YIQ	210.0170, 44.8880, -9.5440

# Conversions

## Conversions Part 2

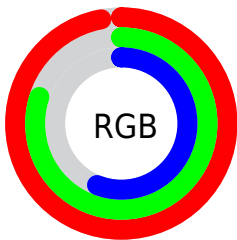
Format	Color
R <sub>Y</sub> B	218, 247, 144
Decimal	16239760
CIE Lab	84.47, 7.42, 35.57
CIE LCh	84, 36.335, 78.216
Yxy	64.9735, 0.3928, 0.3927
Android (android.graphics.Color)	4294429840 (0xFFF7CC90)
YUV	210.0170, -32.5464, 32.4341
Hunter-Lab	80.6061, 2.8460, 30.3110

# Details

The Hex color **F7CC90** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **90BBF7**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFC6**, and **BD965D** is the 20% darker color. If you saturate the color by 10%, you get **F7C277**, and if you desaturate by 10%, it is **F7D6A9**.

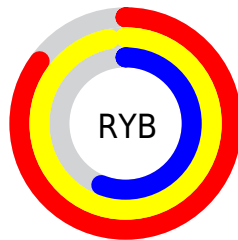
# Distribution



Red (97%)

Green (80%)

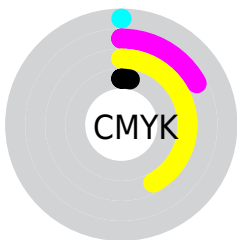
Blue (56%)



Red (85%)

Yellow (97%)

Blue (56%)

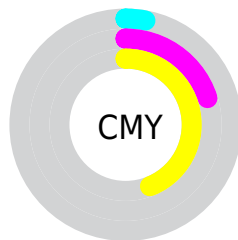


Cyan (0%)

Magenta (17%)

Yellow (42%)

Black (3%)



Cyan (3%)

Magenta (20%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7CC90 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 F7CC90 by changing the saturation by 10% instead.



 F7CC90

 F7CC90

FFFFFF

 DAB176

 FFFFC6

 BD965D

 FFFF E3

 A17C44

 85632D

 6A4C15

 503500

 372000

 1F0A00

 000000

 F7CC90

 F7CC90

 F7C277

 F7D6A9

 F7B75F

 F7E1C1

 F7AD46

 F7EBDA

 F7A32D

 F7F5F3

 F79815

 F7FFFF

 F79000

# Harmonies

## Analogous

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



FFC1A1



F7CC90



D5D791

# Triad

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



F7CC90



67E6E7



F1C3FF

# Complementary

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



F7CC90



90BBF7

# 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.



C5CFFF



F7CC90



68E2FF

# Square

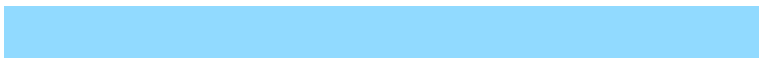
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F7CC90



86E5C4



91DAFF



FFBAE2

# Rectangle

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



F7CC90



BCDD9C



91DAFF



E4C7FF



# Sweetspot

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



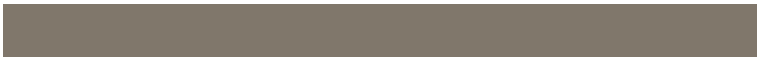
F7CC90



FFF1DE



F790BD



80776B



000000



808080



# Same Dimension

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



F7CC90



FFCA80



F0F790



7A756E



BA6C00



3B2200

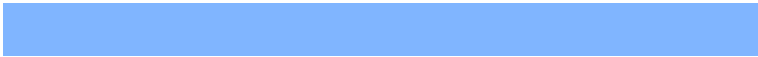


# Inverse Universe

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



90BBF7



80B5FF



9790F7



6E737A



004EBA



00183B



# Previews

## White Background



This preview shows how the Hex color F7CC90 looks on a white background.

## Color Contrast Check

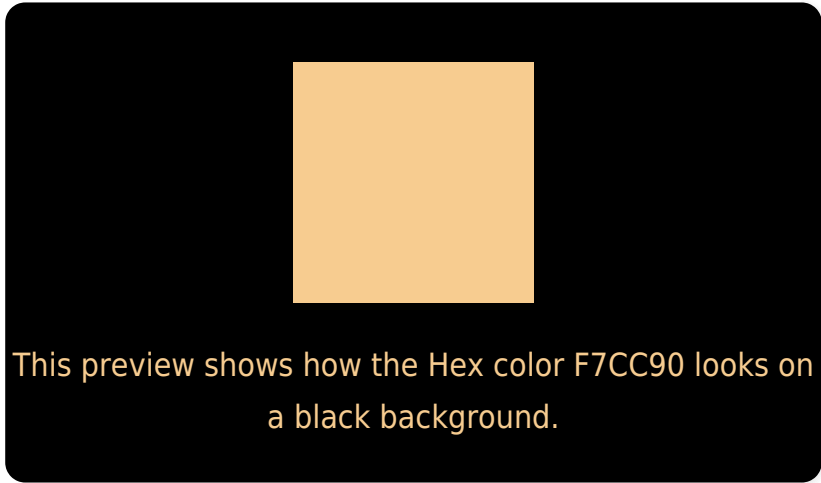
Large Text (above 18pt) WCAG AA × Fail

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

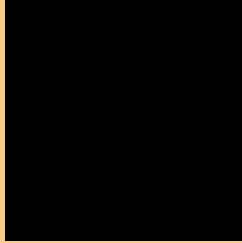
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F7CC90 Background



This preview shows how black text looks on a background with the Hex color F7CC90.

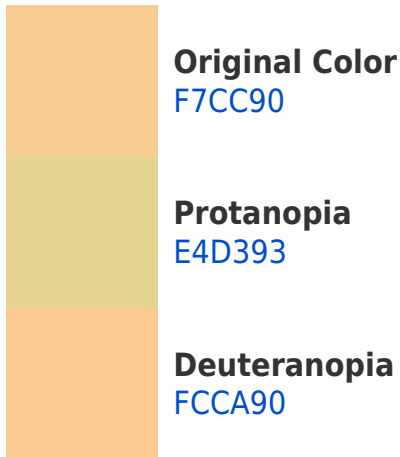


This preview shows how white text looks on a background with the Hex color F7CC90.

# Color Blindness Simulation

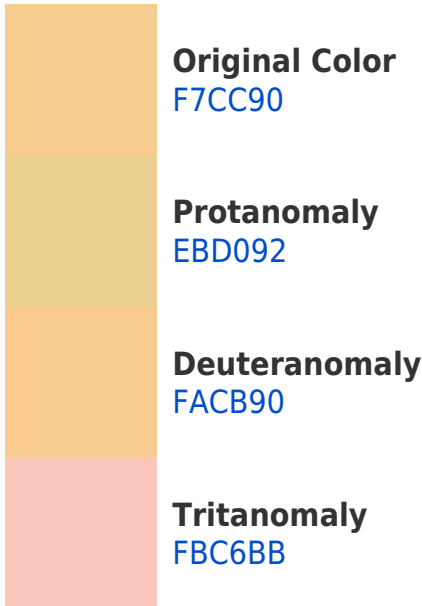
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

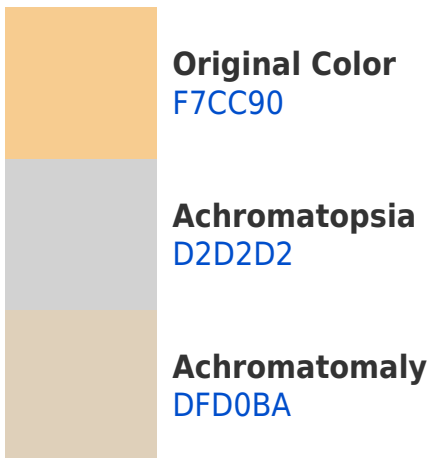




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7CC90 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 #F7CC90 looks like.

```
.text, #text, p{  
    color:#F7CC90  
}
```

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 #F7CC90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7CC90
}
```

## Border

The CSS property to change the border of an element to Hex F7CC90 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
#F7CC90 }
```

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

```
.border{ border-color:#F7CC90 }
```

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

Here you see how a box with a 4 pixel #F7CC90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7CC90; -webkit-box-shadow:4px 4px  
4px 4px #F7CC90; box-shadow:4px 4px 4px  
4px #F7CC90 }
```

# Background

The CSS property to change the background color of an element to Hex F7CC90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7CC90 }
```

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

```
.background{ background-color:#F7CC90 }
```

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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