

# Converting Colors

Hex(F2C187)

Have a look what the booklet for  
Hex(F2C187) contains.

<b>Hex(F2C187)</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(F2C187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2C187
RGB	242, 193, 135
RGB Percent	95%, 76%, 53%
CMY	0.0510, 0.2431, 0.4706
CMYK	0.00, 0.20, 0.44, 0.05
HSL	33°, 80%, 74%
HSV	33°, 44%, 95%
XYZ	60.0611, 58.7664, 31.0992
YIQ	201.0390, 47.8220, -7.6500

# Conversions

## Conversions Part 2

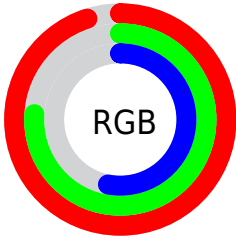
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 242, 135
Decimal	15909255
CIE <sub>Lab</sub>	81.16, 10.26, 35.81
CIE <sub>LCh</sub>	81, 37.250, 74.016
Yxy	58.7664, 0.4006, 0.3920
Android (android.graphics.Color)	4294099335 (0xFFFF2C187)
YUV	201.0390, -32.5572, 35.9228
Hunter-Lab	76.6593, 5.6976, 29.6087

# Details

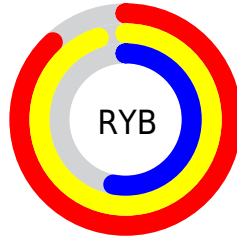
The Hex color **F2C187** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87B8F2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF9BD**, and **B88C54** is the 20% darker color. If you saturate the color by 10%, you get **F2B66F**, and if you desaturate by 10%, it is **F2CC9F**.

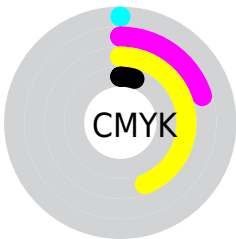
# Distribution



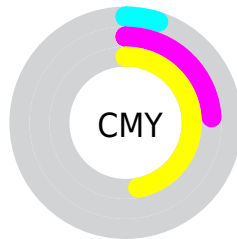
- Red (95%)
- Green (76%)
- Blue (53%)



- Red (88%)
- Yellow (95%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2C187 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 F2C187 by changing the saturation by 10% instead.



 F2C187

 F2C187

FFFFFF

 D5A66D

 FFF9BD

 B88C54

 FFFFD9


 9C723C

 FFFFF6

 805A25

 65420D

 4B2C00

 311800

 1A0000

 000000

 F2C187

 F2C187

 F2B66F

 F2CC9F

 F2AB57

 F2D7B7

 F2A03E

 F2E2D0

 F29526

 F2EDE8

 F28A0E

 F2F8FF

 F28300

 F2FFFF

# Harmonies

## Analogous

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



FFB69B



F2C187



D1CD85

# Triad

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



F2C187



5BDDD9



E3BBFC

# Complementary

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



F2C187



87B8F2

# 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.



B3C7FF



F2C187



55DAF9

# Square

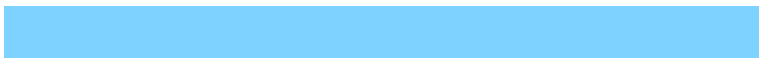
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F2C187



80DBB5



7DD2FF



FFB1DE

# Rectangle

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



F2C187



B8D38F



7DD2FF



D4BFFF

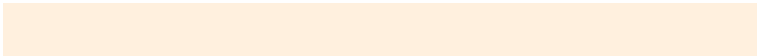


# Sweetspot

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



F2C187



FFF0DE



F287B9



80766B



000000



808080



# Same Dimension

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



F2C187



FFC178



EEF287



78726C



B86400



381E00



# Inverse Universe

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



87B8F2



78B6FF



8B87F2



6C7178



0054B8



001A38



# Previews

## White Background



This preview shows how the Hex color F2C187 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 F2C187 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 F2C187 Background



This preview shows how black text looks on a background with the Hex color F2C187.

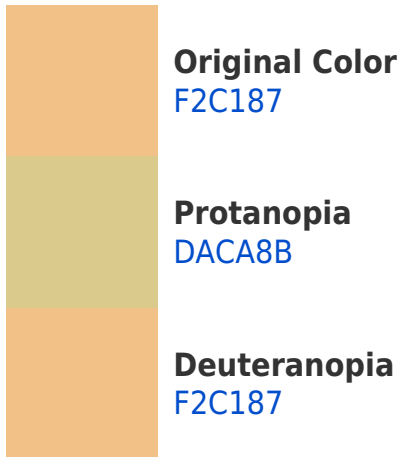


This preview shows how white text looks on a background with the Hex color F2C187.

# 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](#).

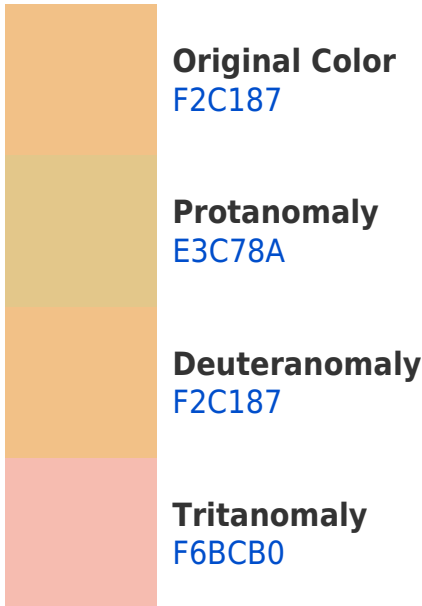
## Dichromacy



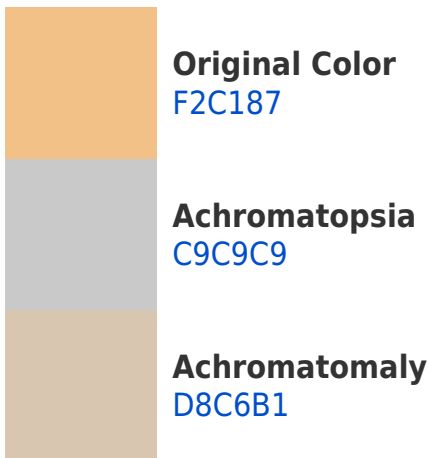


**Tritanopia**  
F8B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2C187 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 #F2C187 looks like.

```
.text, #text, p{  
    color:#F2C187  
}
```

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 #F2C187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2C187
}
```

## Border

The CSS property to change the border of an element to Hex F2C187 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
#F2C187 }
```

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

```
.border{ border-color:#F2C187 }
```

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

Here you see how a box with a 4 pixel #F2C187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2C187; -webkit-box-shadow:4px 4px  
4px 4px #F2C187; box-shadow:4px 4px 4px  
4px #F2C187 }
```

# Background

The CSS property to change the background color of an element to Hex F2C187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2C187 }
```

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

```
.background{ background-color:#F2C187 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor