

# Converting Colors

Hex(F5D089)

Have a look what the booklet for  
Hex(F5D089) contains.

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# **Color**

**Hex(F5D089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5D089
RGB	245, 208, 137
RGB Percent	96%, 82%, 54%
CMY	0.0392, 0.1843, 0.4627
CMYK	0.00, 0.15, 0.44, 0.04
HSL	39°, 84%, 75%
HSV	39°, 44%, 96%
XYZ	64.7274, 66.3304, 33.0585
YIQ	210.9690, 44.8430, -14.2370

# Conversions

## Conversions Part 2

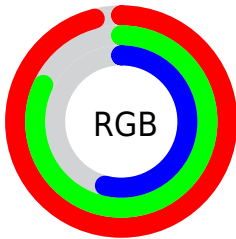
Format	Color
<a href="#">RYB</a>	<a href="#">193, 245, 137</a>
Decimal	<a href="#">16109705</a>
CIELab	<a href="#">85.16, 3.84, 40.00</a>
CIElCh	<a href="#">85, 40.184, 84.510</a>
Yxy	<a href="#">66.3304, 0.3944, 0.4042</a>
Android (android.graphics.Color)	<a href="#">4294299785 (0xFFFF5D089)</a>
YUV	<a href="#">210.9690, -36.4667, 29.8452</a>
Hunter-Lab	<a href="#">81.4435, -0.6627, 32.9442</a>

# Details

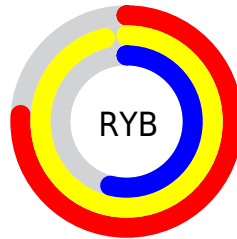
The Hex color **F5D089** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **89AEF5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFBF**, and **BB9A56** is the 20% darker color. If you saturate the color by 10%, you get **F5C871**, and if you desaturate by 10%, it is **F5D8A2**.

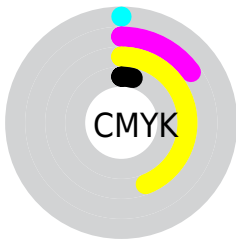
# Distribution



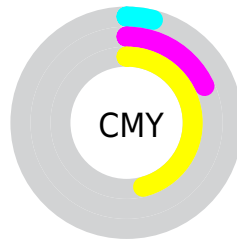
- Red (96%)
- Green (82%)
- Blue (54%)



- Red (76%)
- Yellow (96%)
- Blue (54%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5D089 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 F5D089 by changing the saturation by 10% instead.



 F5D089

 F5D089

FFFFFF

 D8B56F

 FFFFBF

 BB9A56

 FFFFDB

 9F803D

 FFFFF8

 836725

 684F0B

 4E3800

 352300

 1C0E00

 000000

 F5D089

 F5D089

 F5C871

 F5D8A2

 F5BF58

 F5E1BA

 F5B73F

 F5E9D3

 F5AE27

 F5F2EB

 F5A60E

 F5FAFF

 F5A100

 F5FFFF

# Harmonies

## Analogous

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



FFC398



F5D089



CEDC8F

# Triad

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



F5D089



4FE9F3



FEC0FF

# Complementary

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



F5D089



89AEF5

# 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.



D0CDFE



F5D089



5DE4FF

# Square

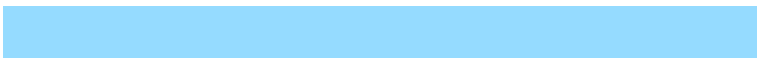
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5D089



74E9CC



95DBFF



FFB8DD

# Rectangle

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



F5D089



B1E29D



95DBFF



F1C4FF



# Sweetspot

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



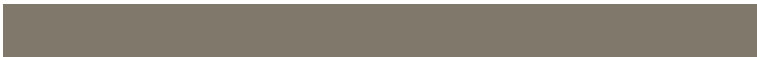
F5D089



FFF4DE



F589AF



80796B



000000



808080



# Same Dimension

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



F5D089



FFD178



E5F589



7A766E



BA7A00



3B2700



# Inverse Universe

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



89AEF5



78A6FF



9989F5



6E727A



0040BA



00143B



# Previews

## White Background



This preview shows how the Hex color F5D089 looks on a white background.

## Color Contrast Check

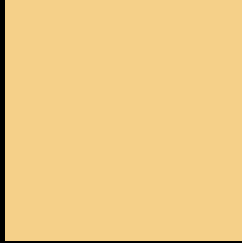
Large Text (above 18pt) WCAG AA × Fail

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 F5D089 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 F5D089 Background



This preview shows how black text looks on a background with the Hex color F5D089.

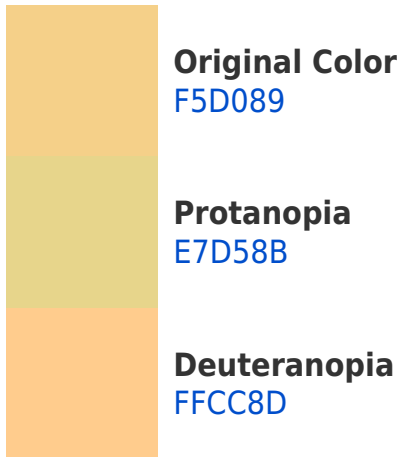


This preview shows how white text looks on a background with the Hex color F5D089.

# 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](#).

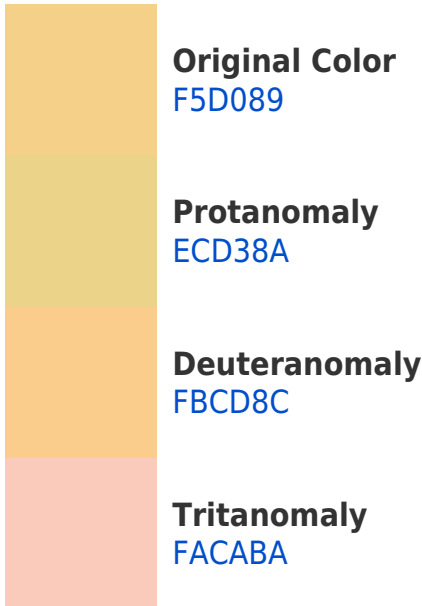
## Dichromacy





**Tritanopia**  
FDC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5D089 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 #F5D089 looks like.

```
.text, #text, p{  
    color:#F5D089  
}
```

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 #F5D089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5D089
}
```

## Border

The CSS property to change the border of an element to Hex F5D089 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
#F5D089 }
```

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

```
.border{ border-color:#F5D089 }
```

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

Here you see how a box with a 4 pixel #F5D089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5D089; -webkit-box-shadow:4px 4px  
4px 4px #F5D089; box-shadow:4px 4px 4px  
4px #F5D089 }
```

# Background

The CSS property to change the background color of an element to Hex F5D089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5D089 }
```

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

```
.background{ background-color:#F5D089 }
```

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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