

# Converting Colors

Hex(F5DB68)

Have a look what the booklet for  
Hex(F5DB68) contains.

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# **Color**

**Hex(F5DB68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5DB68
RGB	245, 219, 104
RGB Percent	96%, 86%, 41%
CMY	0.0392, 0.1412, 0.5922
CMYK	0.00, 0.11, 0.58, 0.04
HSL	49°, 88%, 68%
HSV	49°, 58%, 96%
XYZ	65.4864, 71.0750, 23.3640
YIQ	213.6640, 52.4110, -30.2530

# Conversions

## Conversions Part 2

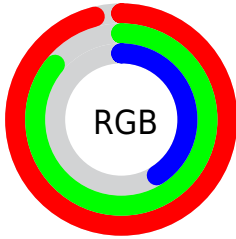
Format	Color
R <sub>Y</sub> B	136, 245, 104
Decimal	16112488
CIE Lab	87.52, -4.60, 58.75
CIE LCh	88, 58.929, 94.478
Yxy	71.0750, 0.4095, 0.4444
Android (android.graphics.Color)	4294302568 (0xFFF5DB68)
YUV	213.6640, -54.0644, 27.4817
Hunter-Lab	84.3060, -8.8819, 42.5829

# Details

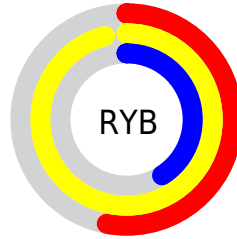
The Hex color **F5DB68** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6882F5**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF9E**, and **BAA432** is the 20% darker color. If you saturate the color by 10%, you get **F5D650**, and if you desaturate by 10%, it is **F5E081**.

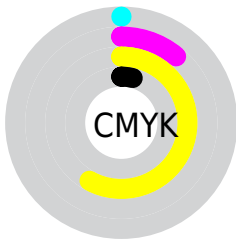
# Distribution



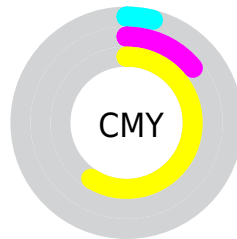
- Red (96%)
- Green (86%)
- Blue (41%)



- Red (53%)
- Yellow (96%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (58%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5DB68 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 F5DB68 by changing the saturation by 10% instead.



 F5DB68

 F5DB68

FFFFFF

 D7BF4D

 FFFF9E

 BAA432

 FFFFBA

 9D8A12


 FFFFD7

 817100

 FFFFF4

 665900

 4B4200

 312C00

 181800

 000000

 F5DB68

 F5DB68

 F5D650

 F5E081

 F5D237

 F5E499

 F5CD1E

 F5E9B2

 F5C906

 F5EDCA

 F5C800

 F5F2E3

 F5F6FB

 F5FBFF

 F5FFFF

# Harmonies

## Analogous

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



FFC776



F5DB68



BAEB7C

# Triad

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



F5DB68



00F6FF



FFB5FF

# Complementary

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



F5DB68



6882F5

# 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.



EBC9FF



F5DB68



00EEFF

# Square

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



F5DB68



00F8E2



8BDEFF



FFACD5

# Rectangle

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



F5DB68



8BF298



8BDEFF



FFBBFF



# Sweetspot

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



F5DB68



FFF7D4



F56884



807B66



000000



808080



# Same Dimension

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



F5DB68



FFDF4F



CBF568



7A786E



BA9800



3B3000



# Inverse Universe

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



6882F5



4F6FFF



9268F5



6E707A



0022BA



000B3B



# Previews

## White Background



This preview shows how the Hex color F5DB68 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 F5DB68 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 F5DB68 Background



This preview shows how black text looks on a background with the Hex color F5DB68.

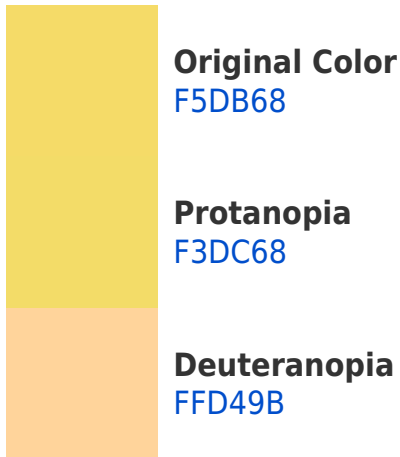


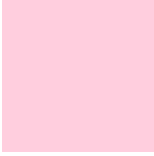
This preview shows how white text looks on a background with the Hex color F5DB68.

# Color Blindness Simulation

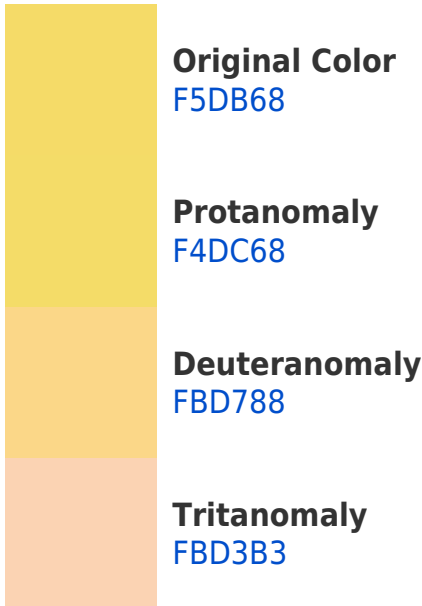
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5DB68 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 #F5DB68 looks like.

```
.text, #text, p{  
    color:#F5DB68  
}
```

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 #F5DB68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5DB68
}
```

## Border

The CSS property to change the border of an element to Hex F5DB68 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
#F5DB68 }
```

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

```
.border{ border-color:#F5DB68 }
```

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

Here you see how a box with a 4 pixel #F5DB68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5DB68; -webkit-box-shadow:4px 4px  
4px 4px #F5DB68; box-shadow:4px 4px 4px  
4px #F5DB68 }
```

# Background

The CSS property to change the background color of an element to Hex F5DB68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5DB68 }
```

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

```
.background{ background-color:#F5DB68 }
```

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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