

Converting Colors

Hex(F9D85E)

Have a look what the booklet for
Hex(F9D85E) contains.

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Color

Hex(F9D85E)

Conversions

Conversions Part 1

Format	Color
Hex	F9D85E
RGB	249, 216, 94
RGB Percent	98%, 85%, 37%
CMY	0.0235, 0.1529, 0.6314
CMYK	0.00, 0.13, 0.62, 0.02
HSL	47°, 93%, 67%
HSV	47°, 62%, 98%
XYZ	65.6432, 70.0596, 20.6528
YIQ	211.9590, 58.8300, -30.9460

Conversions

Conversions Part 2

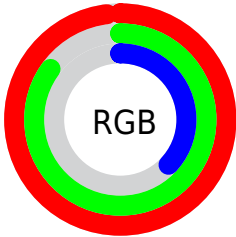
Format	Color
RYB	136, 249, 94
Decimal	16373854
CIELab	87.03, -2.11, 62.72
CIELCh	87, 62.754, 91.930
Yxy	70.0596, 0.4198, 0.4481
Android (android.graphics.Color)	4294563934 (0xFFFF9D85E)
YUV	211.9590, -58.1538, 32.4850
Hunter-Lab	83.7016, -6.4889, 43.9618

Details

The Hex color **F9D85E** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5E7FF9**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF95**, and **BDA226** is the 20% darker color. If you saturate the color by 10%, you get **F9D345**, and if you desaturate by 10%, it is **F9DD77**.

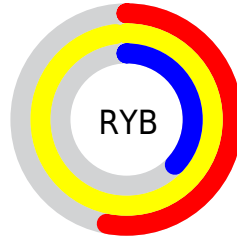
Distribution



Red (98%)

Green (85%)

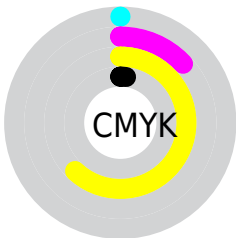
Blue (37%)



Red (53%)

Yellow (98%)

Blue (37%)

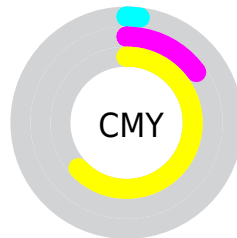


Cyan (0%)

Magenta (13%)

Yellow (62%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9D85E 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 F9D85E by changing the saturation by 10% instead.

 F9D85E

 F9D85E

FFFFFF

 DBBC43

 FFFF95

 BDA226

 FFFFB1

 A08800

 FFFFCD

 846E00

 FFFFEA

 685600

 4D3F00

 322A00

 1A1600

 000000

 F9D85E

 F9D85E

 F9D345

 F9DD77

 F9CD2C

 F9E390

 F9C813

 F9E8A9

 F9C400

 F9EDC2

 F9F3DB

 F9F8F3

 F9FDFD

 F9FFFF

Harmonies

Analogous

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



FFC271



F9D85E



BCE970

Triad

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



F9D85E



00F7FF



FFB2FF

Complementary

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



F9D85E



5E7FF9

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.



E3C9FF



F9D85E



00EFFF

Square

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



F9D85E



00F8DC



72DFFF



FFA7D8

Rectangle

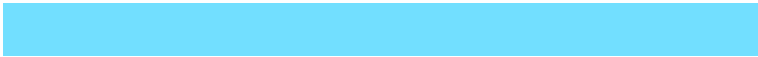
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9D85E



8AF18E



72DFFF



FFB9FF

Sweetspot

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



F9D85E



FFF5CF



F95E80



807962



000000



808080

Same Dimension

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



F9D85E



FFD640



CDF95E



7D7A70



BD9500



3D3000

Inverse Universe

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



5E7FF9



4068FF



8A5EF9



70737D



0028BD



000D3D

Previews

White Background



This preview shows how the Hex color F9D85E looks on a white background.

Color Contrast Check

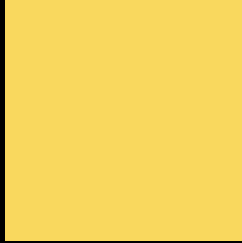
Large Text (above 18pt) WCAG AA × Fail

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 F9D85E 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 F9D85E Background



This preview shows how black text looks on a background with the Hex color F9D85E.

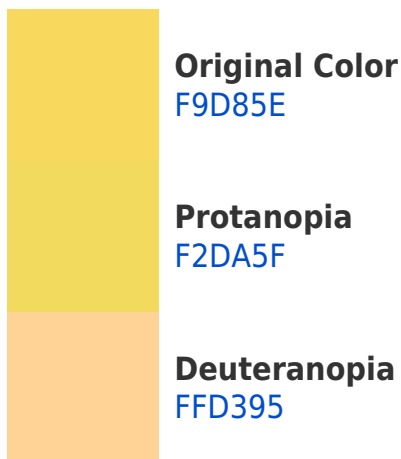


This preview shows how white text looks on a background with the Hex color F9D85E.

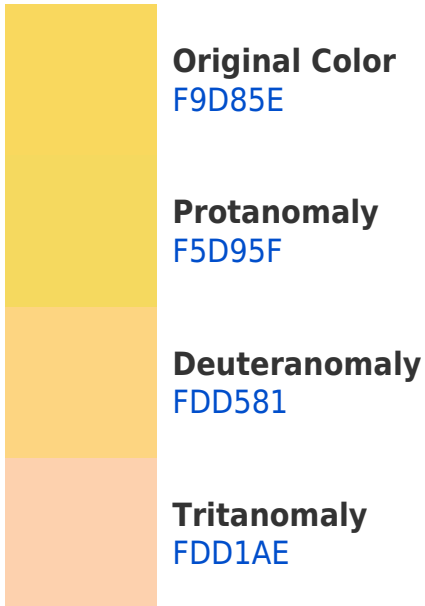
Color Blindness Simulation

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 F9D85E 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 #F9D85E looks like.

```
.text, #text, p{  
    color:#F9D85E  
}
```

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 #F9D85E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9D85E
}
```

Border

The CSS property to change the border of an element to Hex F9D85E 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
#F9D85E }
```

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

```
.border{ border-color:#F9D85E }
```

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

Here you see how a box with a 4 pixel #F9D85E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9D85E; -webkit-box-shadow:4px 4px  
4px 4px #F9D85E; box-shadow:4px 4px 4px  
4px #F9D85E }
```

Background

The CSS property to change the background color of an element to Hex F9D85E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9D85E }
```

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

```
.background{ background-color:#F9D85E }
```

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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