

# Converting Colors

Hex(F5E861)

Have a look what the booklet for  
Hex(F5E861) contains.

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# **Color**

**Hex(F5E861)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5E861
RGB	245, 232, 97
RGB Percent	96%, 91%, 38%
CMY	0.0392, 0.0902, 0.6196
CMYK	0.00, 0.05, 0.60, 0.04
HSL	55°, 88%, 67%
HSV	55°, 60%, 96%
XYZ	68.6705, 77.9888, 22.7433
YIQ	220.4970, 51.0830, -39.2290

# Conversions

## Conversions Part 2

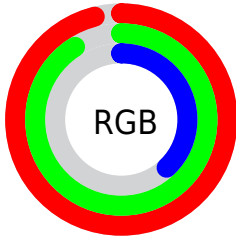
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 245, 97
Decimal	16115809
CIELab	90.77, -11.58, 65.43
CIELCh	91, 66.445, 100.036
Yxy	77.9888, 0.4054, 0.4604
Android (android.graphics.Color)	4294305889 (0xFFFF5E861)
YUV	220.4970, -60.8840, 21.4891
Hunter-Lab	88.3113, -15.7438, 46.5486

# Details

The Hex color **F5E861** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **616EF5**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF98**, and **BAB127** is the 20% darker color. If you saturate the color by 10%, you get **F5E649**, and if you desaturate by 10%, it is **F5EA7A**.

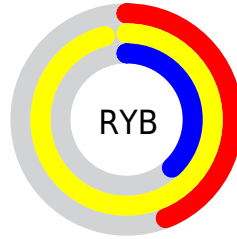
# Distribution



Red (96%)

Green (91%)

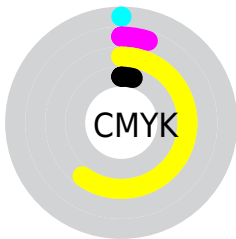
Blue (38%)



Red (44%)

Yellow (96%)

Blue (38%)

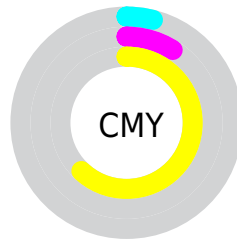


Cyan (0%)

Magenta (5%)

Yellow (60%)

Black (4%)



Cyan (4%)

Magenta (9%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5E861 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 F5E861 by changing the saturation by 10% instead.



 F5E861

 F5E861

FFFFFF

 D7CC45


 FFFF98

 BAB127

 FFFFB4

 9D9600

 FFFFD1

 817C00

 FFFFEE

 656400

 4A4C00

 303600

 172000

 000500

 F5E861

 F5E861

 F5E649

 F5EA7A

 F5E430

 F5EC92

 F5E218

 F5EEAB

 F5DF00

 F5F1C3

 F5F3DC

 F5F5F4

 F5F7FF

 F5F9FF

 F5FBFF

# Harmonies

## Analogous

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



FFD26B



F5E861



B0F87F

# Triad

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



F5E861



00FFFF



FFB5FF

# Complementary

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



F5E861



616EF5

# 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.



FFCBFF



F5E861



00F7FF

# Square

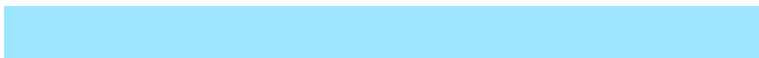
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5E861



00FFF9



9DE4FF



FFAED2

# Rectangle

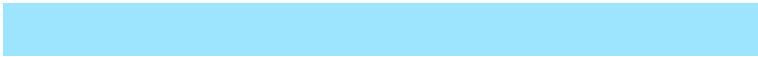
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5E861



75FFA2



9DE4FF



FFBBFF



# Sweetspot

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



F5E861



FFFBD1



F56170



807D63



000000



808080



# Same Dimension

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



F5E861



FFEF47



BAF561



7A796E



BAAA00



3B3500



# Inverse Universe

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



616EF5



4758FF



9C61F5



6E6F7A



0010BA

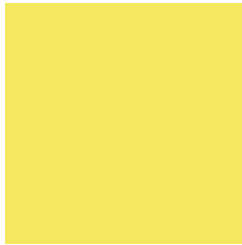


00053B



# Previews

## White Background



This preview shows how the Hex color F5E861 looks on a white background.

## Color Contrast Check

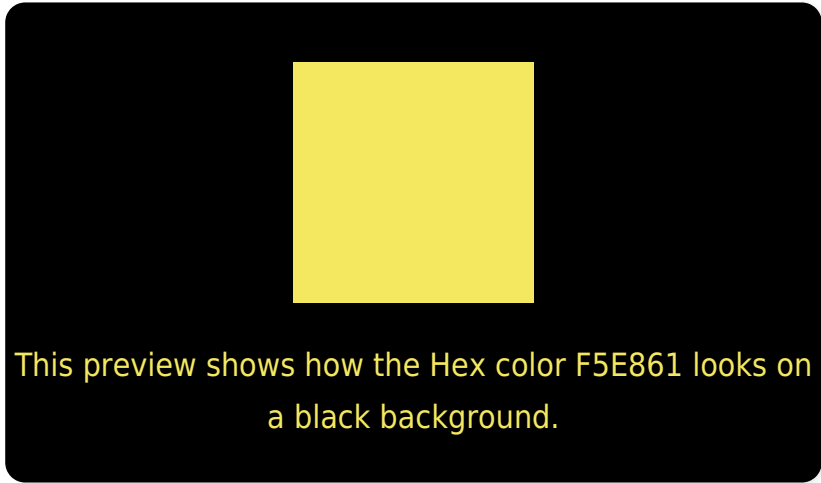
Large Text (above 18pt) WCAG AA × Fail

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 F5E861 Background



This preview shows how black text looks on a background with the Hex color F5E861.

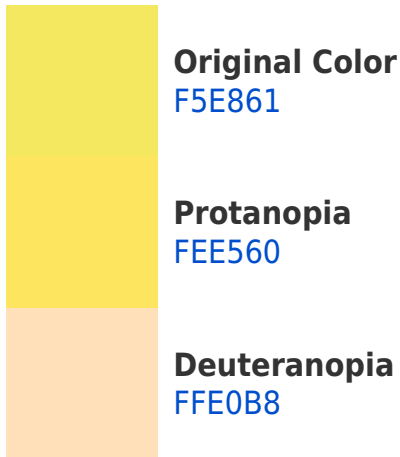


This preview shows how white text looks on a background with the Hex color F5E861.

# 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](#).

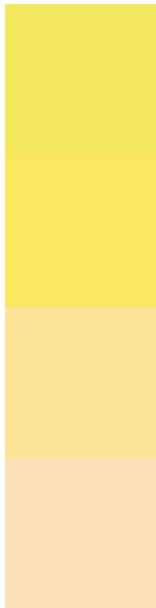
## Dichromacy





**Tritanopia**  
FFDBEA

# Trichromacy



**Original Color**  
F5E861

**Protanomaly**  
FBE660

**Deuteranomaly**  
FBE398

**Tritanomaly**  
FBE0B8

# Monochromacy



**Original Color**  
F5E861

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
E5E0AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5E861 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 #F5E861 looks like.

```
.text, #text, p{  
    color:#F5E861  
}
```

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 #F5E861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5E861
}
```

## Border

The CSS property to change the border of an element to Hex F5E861 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
#F5E861 }
```

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

```
.border{ border-color:#F5E861 }
```

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

Here you see how a box with a 4 pixel #F5E861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5E861; -webkit-box-shadow:4px 4px  
4px 4px #F5E861; box-shadow:4px 4px 4px  
4px #F5E861 }
```

# Background

The CSS property to change the background color of an element to Hex F5E861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5E861 }
```

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

```
.background{ background-color:#F5E861 }
```

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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