

Converting Colors

Hex(F5E876)

Have a look what the booklet for
Hex(F5E876) contains.

Hex(F5E876)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F5E876)

Conversions

Conversions Part 1

Format	Color
Hex	F5E876
RGB	245, 232, 118
RGB Percent	96%, 91%, 46%
CMY	0.0392, 0.0902, 0.5373
CMYK	0.00, 0.05, 0.52, 0.04
HSL	54°, 86%, 71%
HSV	54°, 52%, 96%
XYZ	69.7828, 78.4337, 28.6008
YIQ	222.8910, 44.3420, -32.6980

Conversions

Conversions Part 2

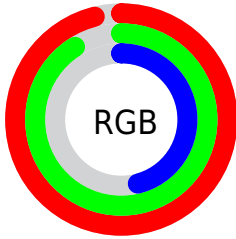
Format	Color
RYB	132, 245, 118
Decimal	16115830
CIELab	90.98, -10.04, 56.36
CIELCh	91, 57.246, 100.105
Yxy	78.4337, 0.3947, 0.4436
Android (android.graphics.Color)	4294305910 (0xFFFF5E876)
YUV	222.8910, -51.7113, 19.3896
Hunter-Lab	88.5628, -14.3363, 42.8466

Details

The Hex color **F5E876** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7683F5**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFAD**, and **BAB141** is the 20% darker color. If you saturate the color by 10%, you get **F5E55E**, and if you desaturate by 10%, it is **F5EB8F**.

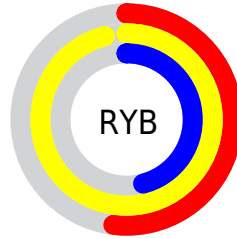
Distribution



Red (96%)

Green (91%)

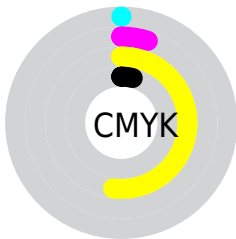
Blue (46%)



Red (52%)

Yellow (96%)

Blue (46%)

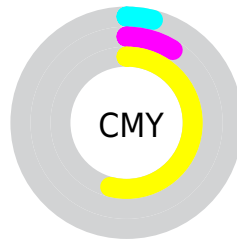


Cyan (0%)

Magenta (5%)

Yellow (52%)

Black (4%)



Cyan (4%)

Magenta (9%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5E876 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 F5E876 by changing the saturation by 10% instead.

 F5E876

 F5E876

FFFFFF

 D7CC5B

 FFFFAD

 BAB141

 FFFFC9

 9E9625

 FFFFEE

 827C00

 676400

 4D4C00

 323500

 1A2000

 000700

 F5E876

 F5E876

 F5E55E

 F5EB8F

 F5E345

 F5EDA7

 F5E02C

 F5F0C0

 F5DE14

 F5F2D8

 F5DC00

 F5F5F1

 F5F7FF

 F5FAFF

 F5FCFF

 F5FFFF

Harmonies

Analogous

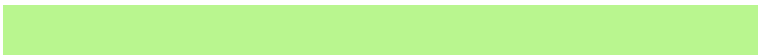
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD57E



F5E876



B9F68F

Triad

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



F5E876



00FFFF



FFBEFF

Complementary

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



F5E876



7683F5

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.



FFD0FF



F5E876



00F5FF

Square

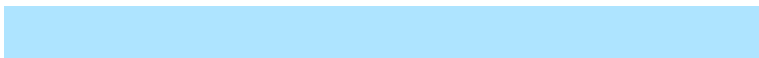
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5E876



00FFF7



AEE4FF



FFB8D4

Rectangle

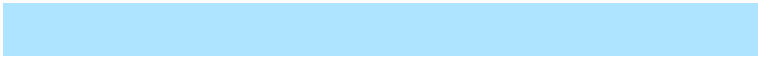
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5E876



8AFDAC



AEE4FF



FFC3FF

Sweetspot

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



F5E876



FFFBD6



F57685



807D67



000000



808080

Same Dimension

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



F5E876



FFEF61



C4F576



7A796E



BAA700



3B3500

Inverse Universe

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



7683F5



6171FF



A776F5



6E6F7A



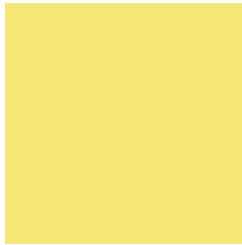
0013BA



00063B

Previews

White Background



This preview shows how the Hex color F5E876 looks on a white background.

Color Contrast Check

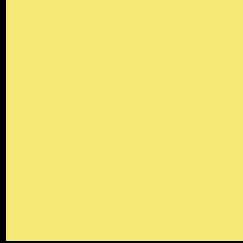
Large Text (above 18pt) WCAG AA × Fail

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 F5E876 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 F5E876 Background



This preview shows how black text looks on a background with the Hex color F5E876.

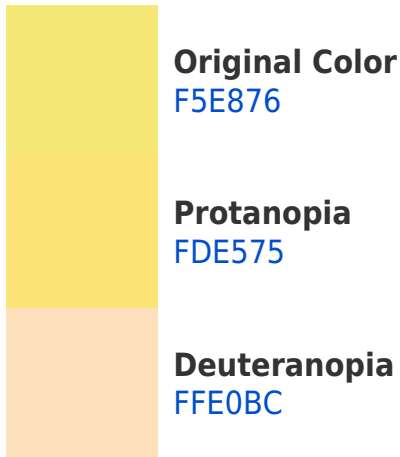


This preview shows how white text looks on a background with the Hex color F5E876.

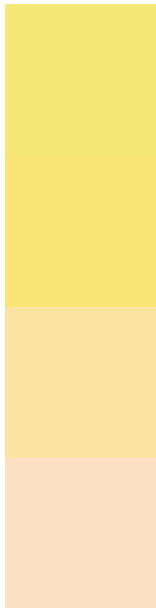
Color Blindness Simulation

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



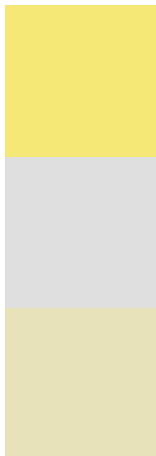
Original Color
F5E876

Protanomaly
FAE675

Deuteranomaly
FBE3A3

Tritanomaly
FBE0C1

Monochromacy



Original Color
F5E876

Achromatopsia
DFDFDF

Achromatomaly
E7E2B9

CSS Examples

Text

The CSS property to change the color of the text to Hex F5E876 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 #F5E876 looks like.

```
.text, #text, p{  
    color:#F5E876  
}
```

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 #F5E876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5E876  
}
```

Border

The CSS property to change the border of an element to Hex F5E876 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  
#F5E876 }
```

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

```
.border{ border-color:#F5E876 }
```

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

Here you see how a box with a 4 pixel #F5E876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5E876; -webkit-box-shadow:4px 4px  
4px 4px #F5E876; box-shadow:4px 4px 4px  
4px #F5E876 }
```

Background

The CSS property to change the background color of an element to Hex F5E876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5E876 }
```

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

```
.background{ background-color:#F5E876 }
```

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