

Converting Colors

Hex(F6E871)

Have a look what the booklet for
Hex(F6E871) contains.

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Color

Hex(F6E871)

Conversions

Conversions Part 1

Format	Color
Hex	F6E871
RGB	246, 232, 113
RGB Percent	96%, 91%, 44%
CMY	0.0353, 0.0902, 0.5569
CMYK	0.00, 0.06, 0.54, 0.04
HSL	54°, 88%, 70%
HSV	54°, 54%, 96%
XYZ	69.8433, 78.4983, 27.0933
YIQ	222.6200, 46.5430, -34.0410

Conversions

Conversions Part 2

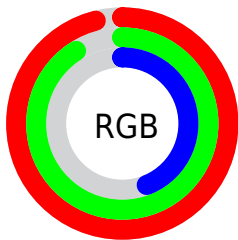
Format	Color
RYB	129, 246, 113
Decimal	16181361
CIELab	91.01, -10.04, 58.70
CIELCh	91, 59.552, 99.706
Yxy	78.4983, 0.3981, 0.4474
Android (android.graphics.Color)	4294371441 (0xFFFF6E871)
YUV	222.6200, -54.0427, 20.5043
Hunter-Lab	88.5993, -14.3362, 43.8888

Details

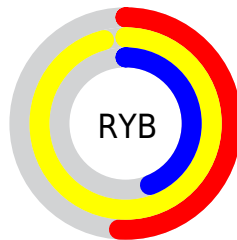
The Hex color **F6E871** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **717FF6**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFA8**, and **BBB13B** is the 20% darker color. If you saturate the color by 10%, you get **F6E558**, and if you desaturate by 10%, it is **F6EB8A**.

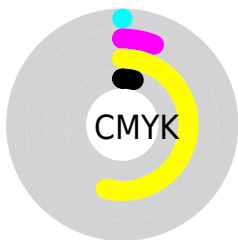
Distribution



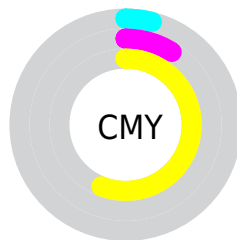
- Red (96%)
- Green (91%)
- Blue (44%)



- Red (51%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (6%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6E871 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 F6E871 by changing the saturation by 10% instead.

 F6E871

 F6E871

FFFFFF

 D8CC56

 FFFFA8

 BBB13B

 FFFFC4

 9F961E

 FFFFE1

 837C00

FFFFFFE

 676400

 4D4C00

 323600

 1A2000

 000700

 F6E871

 F6E871

 F6E558

 F6EB8A

 F6E340

 F6EDA2

 F6E027

 F6F0BB

 F6DE0F

 F6F2D3

 F6DC00

 F6F5EC

 F6F8FF

 F6FAFF

 F6FDFF

 F6FFFF

Harmonies

Analogous

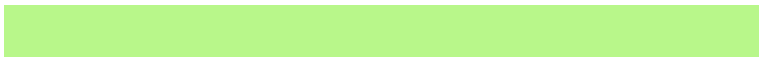
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD47A



F6E871



B8F78A

Triad

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



F6E871



00FFFF



FFBCFF

Complementary

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



F6E871



717FF6

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.



FFCFFF



F6E871



00F6FF

Square

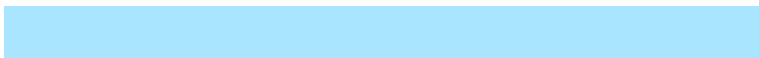
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F6E871



00FFF7



A9E5FF



FFB6D5

Rectangle

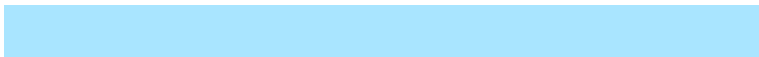
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6E871



86FDA9



A9E5FF



FFC1FF

Sweetspot

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



F6E871



FFFBD6



F67181



807D67



000000



808080

Same Dimension

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



F6E871



FFEE59



C3F671



7A796E



BAA700



3B3400

Inverse Universe

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



717FF6



596BFF



A471F6



6E6F7A



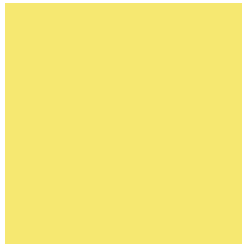
0014BA



00063B

Previews

White Background



This preview shows how the Hex color F6E871 looks on a white background.

Color Contrast Check

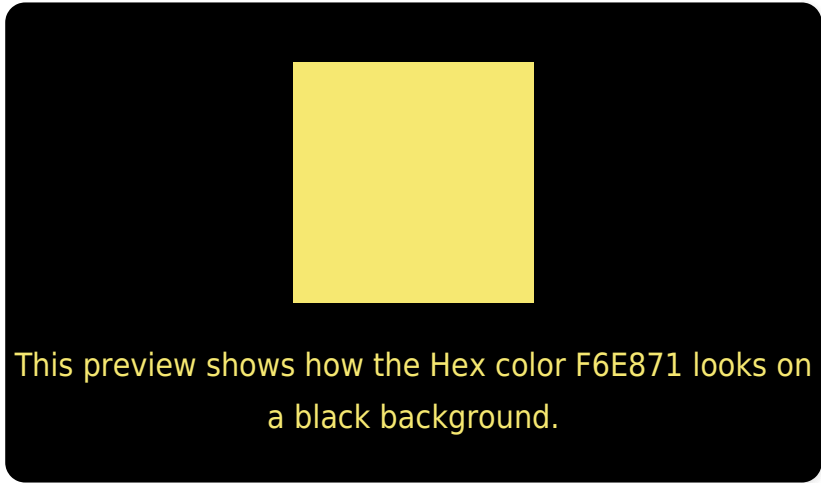
Large Text (above 18pt) WCAG AA × Fail

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 F6E871 Background



This preview shows how black text looks on a background with the Hex color F6E871.



This preview shows how white text looks on a background with the Hex color F6E871.

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



Original Color
F6E871

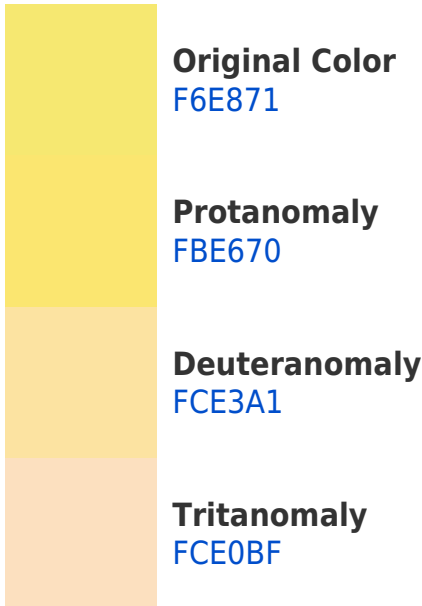
Protanopia
FEE570

Deuteranopia
FFE0BC

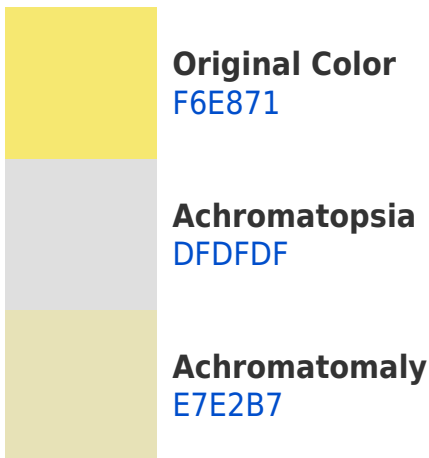


Tritanopia
FFDCEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F6E871 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 #F6E871 looks like.

```
.text, #text, p{  
    color:#F6E871  
}
```

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 #F6E871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6E871
}
```

Border

The CSS property to change the border of an element to Hex F6E871 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
#F6E871 }
```

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

```
.border{ border-color:#F6E871 }
```

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

Here you see how a box with a 4 pixel #F6E871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6E871; -webkit-box-shadow:4px 4px  
4px 4px #F6E871; box-shadow:4px 4px 4px  
4px #F6E871 }
```

Background

The CSS property to change the background color of an element to Hex F6E871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6E871 }
```

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

```
.background{ background-color:#F6E871 }
```

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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