

# Converting Colors

Hex(FAE980)

Have a look what the booklet for  
Hex(FAE980) contains.

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# **Color**

**Hex(FAE980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAE980
RGB	250, 233, 128
RGB Percent	98%, 91%, 50%
CMY	0.0196, 0.0863, 0.4980
CMYK	0.00, 0.07, 0.49, 0.02
HSL	52°, 92%, 74%
HSV	52°, 49%, 98%
XYZ	72.4595, 80.1603, 32.0755
YIQ	226.1130, 43.8370, -29.0510

# Conversions

## Conversions Part 2

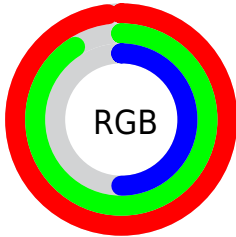
Format	Color
<a href="#">RYB</a>	<a href="#">148, 250, 128</a>
Decimal	<a href="#">16443776</a>
CIELab	<a href="#">91.76, -7.71, 52.71</a>
CIELCh	<a href="#">92, 53.272, 98.319</a>
Yxy	<a href="#">80.1603, 0.3923, 0.4340</a>
Android (android.graphics.Color)	<a href="#">4294633856 (0xFFFAE980)</a>
YUV	<a href="#">226.1130, -48.3697, 20.9489</a>
Hunter-Lab	<a href="#">89.5323, -12.2194, 41.4316</a>

# Details

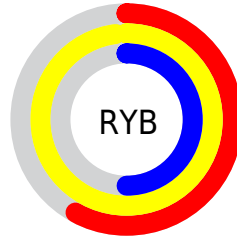
The Hex color **FAE980** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8091FA**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFB7**, and **BFB24B** is the 20% darker color. If you saturate the color by 10%, you get **FAE667**, and if you desaturate by 10%, it is **FAEC99**.

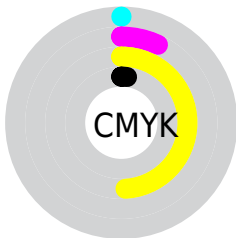
# Distribution



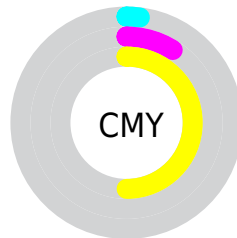
- Red (98%)
- Green (91%)
- Blue (50%)



- Red (58%)
- Yellow (98%)
- Blue (50%)



- Cyan (0%)
- Magenta (7%)
- Yellow (49%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FAE980 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 FAE980 by changing the saturation by 10% instead.



 FAE980

 FAE980

FFFFFF

 DCCD65

 FFFFB7

 BFB24B

 FFFFD3

 A39731

 FFFFF0

 877D14

 6C6400

 524D00

 373600

 1F2100

 000C00

 FAE980

 FAE980

 FAE667

 FAEC99

 FAE24E

 FAF0B2

 FADF35

 FAF3CB

 FADB1C

 FAF7E4

 FAD803

 FAFAFD

 FAD700

 FAFEFF

 FAFFFF

# Harmonies

## Analogous

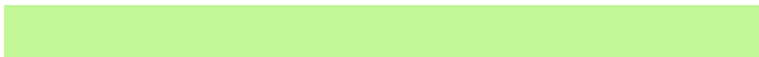
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD789



FAE980



C3F795

# Triad

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



FAE980



00FFFF



FFC4FF

# Complementary

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



FAE980



8091FA

# 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.



FFD5FF



FAE980



41F7FF

# Square

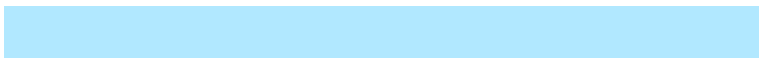
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FAE980



00FFF4



B1E8FF



FFBEDB

# Rectangle

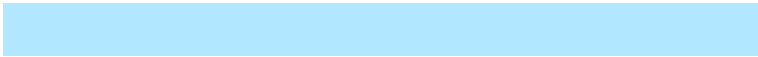
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FAE980



98FDB0



B1E8FF



FFC9FF



# Sweetspot

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



FAE980



FFFAD9



FA8092



807C69



000000



808080



# Same Dimension

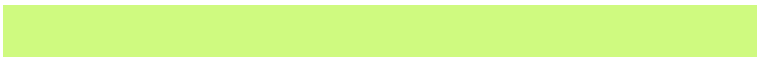
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FAE980



FFEA69



CFFA80



7D7B70



BDA200



3D3500



# Inverse Universe

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



8091FA



697EFF



AB80FA



70727D



001ABD

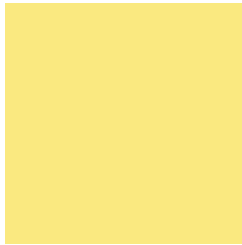


00093D



# Previews

## White Background



This preview shows how the Hex color FAE980 looks on a white background.

## Color Contrast Check

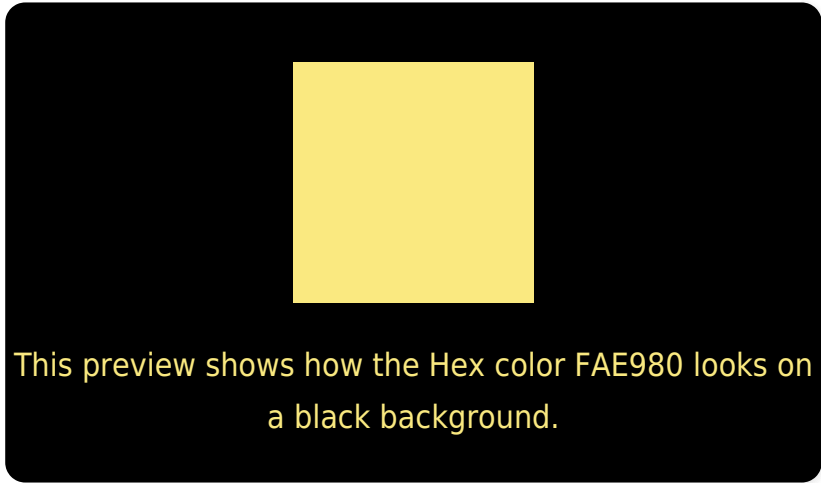
Large Text (above 18pt) WCAG AA × Fail

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

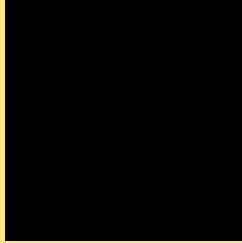
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FAE980 Background



This preview shows how black text looks on a background with the Hex color FAE980.



This preview shows how white text looks on a background with the Hex color FAE980.

# 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**  
FAE980

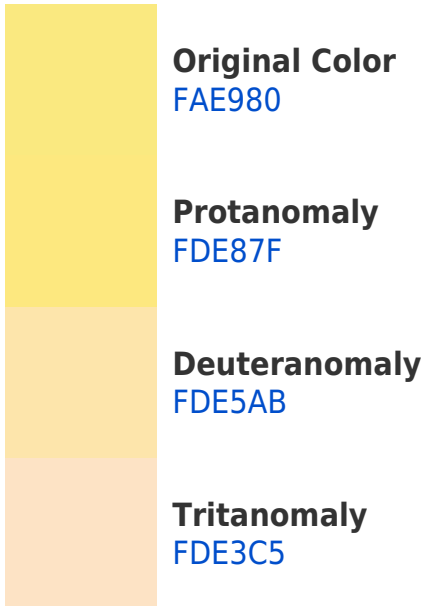
**Protanopia**  
FEE77F

**Deuteranopia**  
FFE3C3

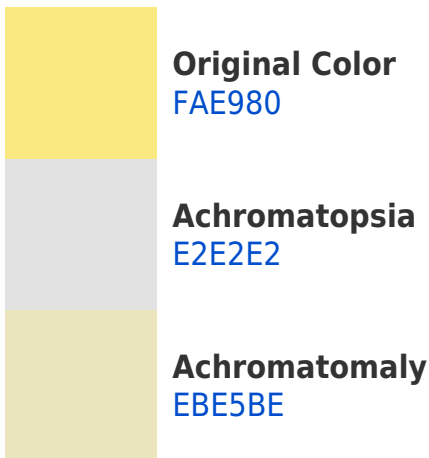


**Tritanopia**  
FFDFEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FAE980 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 #FAE980 looks like.

```
.text, #text, p{  
    color:#FAE980  
}
```

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 #FAE980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAE980
}
```

## Border

The CSS property to change the border of an element to Hex FAE980 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
#FAE980 }
```

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

```
.border{ border-color:#FAE980 }
```

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

Here you see how a box with a 4 pixel #FAE980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAE980; -webkit-box-shadow:4px 4px  
4px 4px #FAE980; box-shadow:4px 4px 4px  
4px #FAE980 }
```

# Background

The CSS property to change the background color of an element to Hex FAE980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAE980 }
```

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

```
.background{ background-color:#FAE980 }
```

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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