

# Converting Colors

Hex(F3E093)

Have a look what the booklet for  
Hex(F3E093) contains.

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# **Color**

**Hex(F3E093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3E093
RGB	243, 224, 147
RGB Percent	95%, 88%, 58%
CMY	0.0471, 0.1216, 0.4235
CMYK	0.00, 0.08, 0.40, 0.05
HSL	48°, 80%, 76%
HSV	48°, 40%, 95%
XYZ	68.8843, 74.4726, 38.3478
YIQ	220.9030, 36.0410, -19.9190

# Conversions

## Conversions Part 2

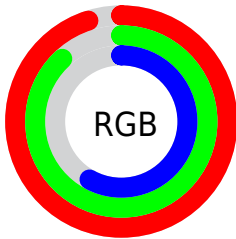
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 243, 147
Decimal	15982739
CIE <sub>Lab</sub>	89.15, -4.09, 40.05
CIE <sub>LCh</sub>	89, 40.254, 95.833
Yxy	74.4726, 0.3791, 0.4099
Android (android.graphics.Color)	4294172819 (0xFFFF3E093)
YUV	220.9030, -36.4342, 19.3791
Hunter-Lab	86.2975, -8.5386, 34.0617

# Details

The Hex color **F3E093** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **93A6F3**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFCA**, and **B9A95F** is the 20% darker color. If you saturate the color by 10%, you get **F3DB7B**, and if you desaturate by 10%, it is **F3E5AB**.

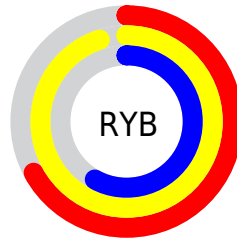
# Distribution



Red (95%)

Green (88%)

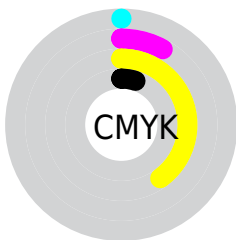
Blue (58%)



Red (67%)

Yellow (95%)

Blue (58%)

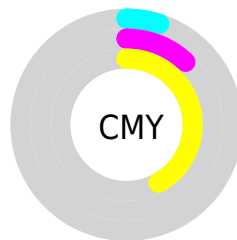


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (5%)



Cyan (5%)

Magenta (12%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3E093 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 F3E093 by changing the saturation by 10% instead.



 F3E093

 F3E093

FFFFFF

 D6C479

 FFFFC4

 B9A95F

 FFFF66

 9D8F46

 82752E

 685D15

 4E4500

 352F00

 1D1B00

 000000

 F3E093

 F3E093

 F3DB7B

 F3E5AB

 F3D662

 F3EAC4

 F3D24A

 F3EEDC

 F3CD32

 F3F3F4

 F3C819

 F3F8FF

 F3C301

 F3FDFF

 F3C300

 F3FFFF

# Harmonies

## Analogous

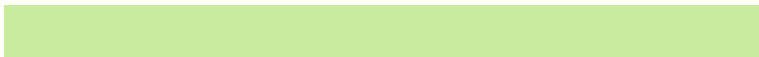
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD39B



F3E093



C9EBA1

# Triad

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



F3E093



5BF3FF



FFC7FF

# Complementary

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



F3E093



93A6F3

# 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.



EFD3FF



F3E093



7DECFE

# Square

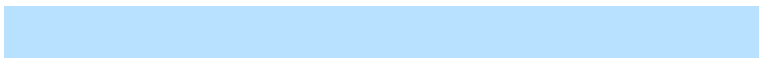
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F3E093



70F5E6



B7E1FF



FFC3DA

# Rectangle

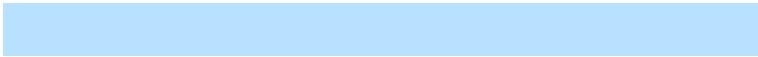
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3E093



ABF0B4



B7E1FF



FFCBFF



# Sweetspot

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



F3E093



FFF9E0



F393A6



807C6E



000000



808080



# Same Dimension

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



F3E093



FFE787



D6F393



7A786E



BA9500



3B2F00



# Inverse Universe

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



93A6F3



879FFF



B093F3



6E717A



0025BA

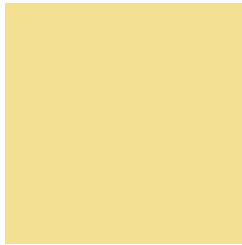


000C3B



# Previews

## White Background



This preview shows how the Hex color F3E093 looks on a white background.

## Color Contrast Check

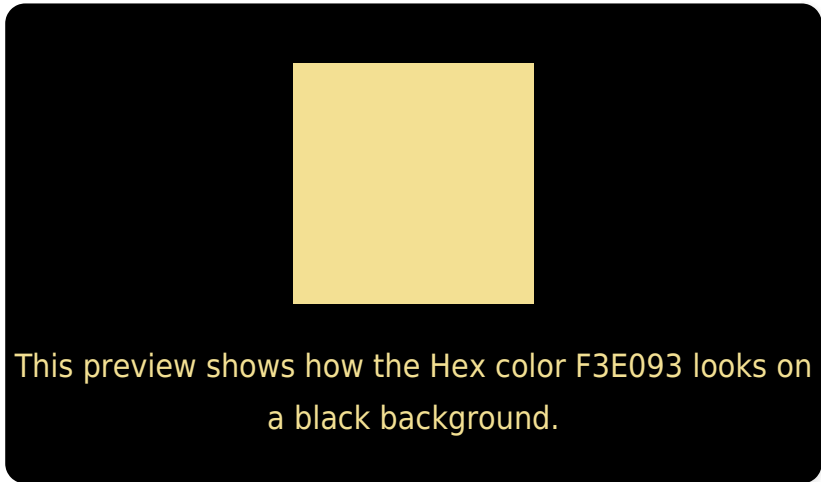
Large Text (above 18pt) WCAG AA × Fail

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

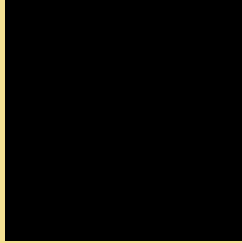
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F3E093 Background



This preview shows how black text looks on a background with the Hex color F3E093.



This preview shows how white text looks on a background with the Hex color F3E093.

# 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**  
F3E093

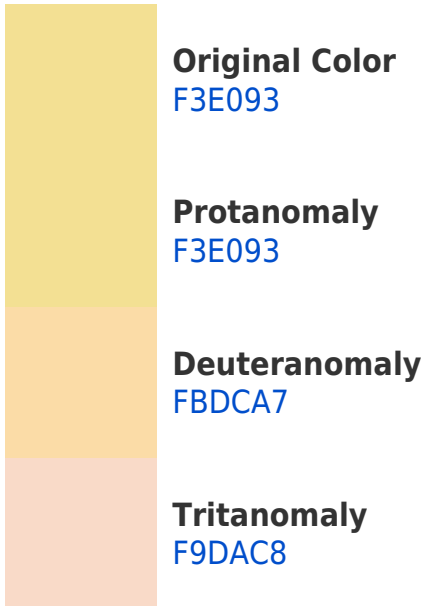
**Protanopia**  
F3E093

**Deuteranopia**  
FFD9B2



**Tritanopia**  
FCD6E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3E093 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 #F3E093 looks like.

```
.text, #text, p{  
    color:#F3E093  
}
```

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 #F3E093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3E093
}
```

## Border

The CSS property to change the border of an element to Hex F3E093 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
#F3E093 }
```

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

```
.border{ border-color:#F3E093 }
```

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

Here you see how a box with a 4 pixel #F3E093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3E093; -webkit-box-shadow:4px 4px  
4px 4px #F3E093; box-shadow:4px 4px 4px  
4px #F3E093 }
```

# Background

The CSS property to change the background color of an element to Hex F3E093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3E093 }
```

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

```
.background{ background-color:#F3E093 }
```

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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