

Converting Colors

Hex(EFC59A)

Have a look what the booklet for
Hex(EFC59A) contains.

Hex(EFC59A)	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(EFC59A)

Conversions

Conversions Part 1

Format	Color
Hex	EFC59A
RGB	239, 197, 154
RGB Percent	94%, 77%, 60%
CMY	0.0627, 0.2275, 0.3961
CMYK	0.00, 0.18, 0.36, 0.06
HSL	30°, 73%, 77%
HSV	30°, 36%, 94%
XYZ	61.3956, 60.6163, 39.0361
YIQ	204.6560, 38.8350, -4.4690

Conversions

Conversions Part 2

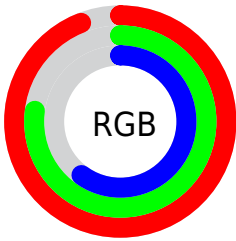
Format	Color
R _Y B	237, 239, 154
Decimal	15713690
CIE Lab	82.17, 9.06, 27.18
CIE LCh	82, 28.653, 71.561
Yxy	60.6163, 0.3812, 0.3764
Android (android.graphics.Color)	4293903770 (0xFFEFC59A)
YUV	204.6560, -24.9734, 30.1197
Hunter-Lab	77.8565, 4.5116, 24.7724

Details

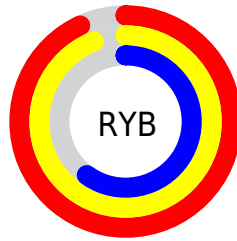
The Hex color **EFC59A** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9AC4EF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFED1**, and **B68F67** is the 20% darker color. If you saturate the color by 10%, you get **EFB982**, and if you desaturate by 10%, it is **EFD1B2**.

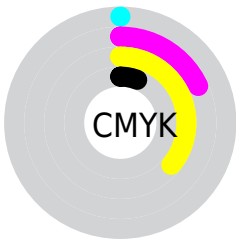
Distribution



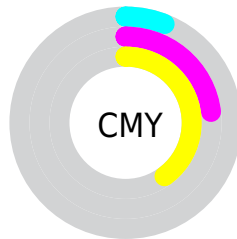
- Red (94%)
- Green (77%)
- Blue (60%)



- Red (93%)
- Yellow (94%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (6%)



- Cyan (6%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color EFC59A 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 EFC59A by changing the saturation by 10% instead.

 EFC59A

 EFC59A

FFFFFF

 D2AA80

 FFFED1

 B68F67

 FFFFED

 9A764E

 7F5D37

 654520

 4B2F0A

 331A00

 1B0100

 000000

 EFC59A

 EFC59A

 EFB982

 EFD1B2

 EFAD6A

 EFDDCA

 EFA252

 EFE8E2

 EF963A

 EFF4FA

 EF8A22

 EFFFFFF

 EF7E0B

 EF7900

Harmonies

Analogous

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



FFBDAA



EFC59A



D6CE98

Triad

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



EFC59A



82DCD6



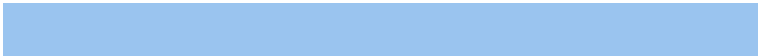
DEC2F5

Complementary

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



EFC59A



9AC4EF

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.



BACBFF



EFC59A



7FD9EF

Square

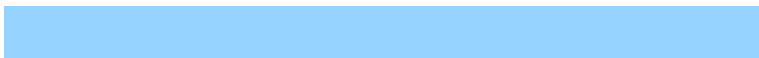
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EFC59A



99DABB



96D4FF



F7BBDE

Rectangle

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



EFC59A



C2D39E



96D4FF



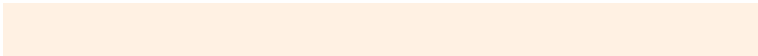
D2C5FA

Sweetspot

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



EFC59A



FFF1E3



EF9AC4



80776F



000000



808080

Same Dimension

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



EFC59A



FFC991



EFEF9A



78726C



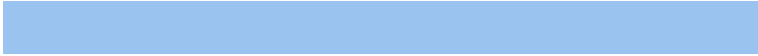
B85D00



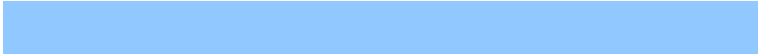
381C00

Inverse Universe

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



9AC4EF



91C8FF



9A9AEF



6C7278



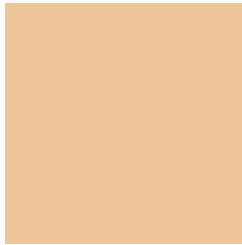
005BB8



001C38

Previews

White Background



This preview shows how the Hex color EFC59A looks on a white background.

Color Contrast Check

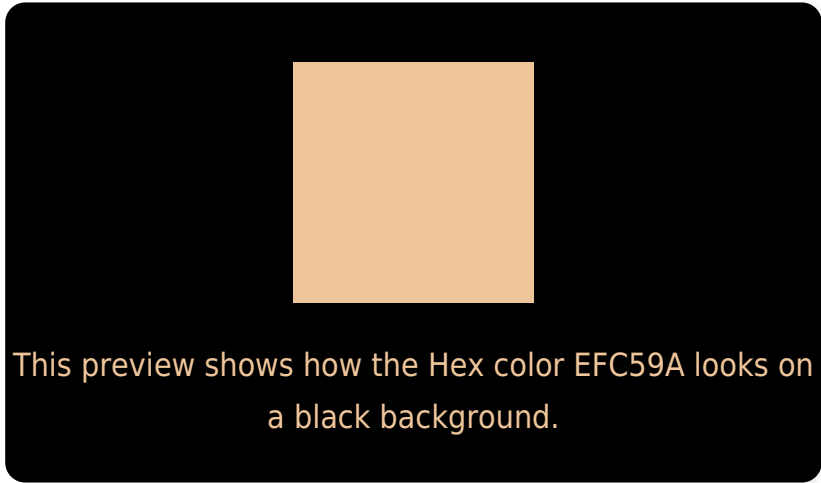
Large Text (above 18pt) WCAG AA × Fail

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

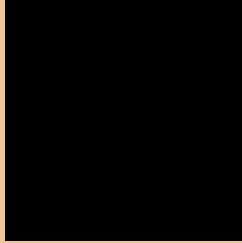
Any Text WCAG AA ✓ Pass

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 EFC59A Background



This preview shows how black text looks on a background with the Hex color EFC59A.

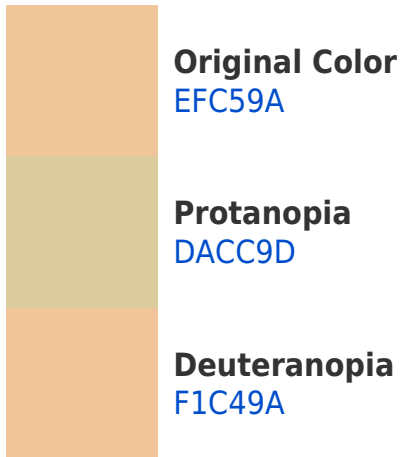


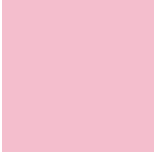
This preview shows how white text looks on a background with the Hex color EFC59A.

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](#).

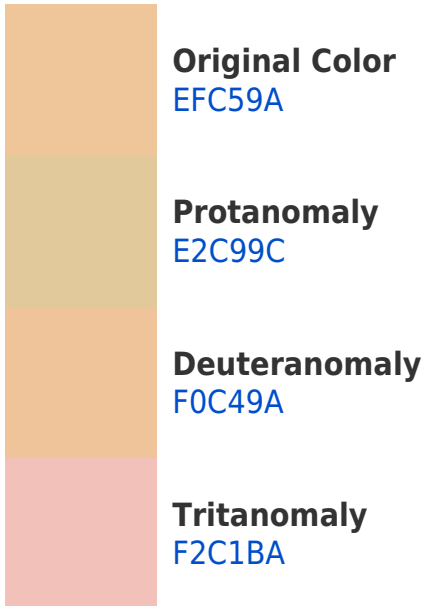
Dichromacy



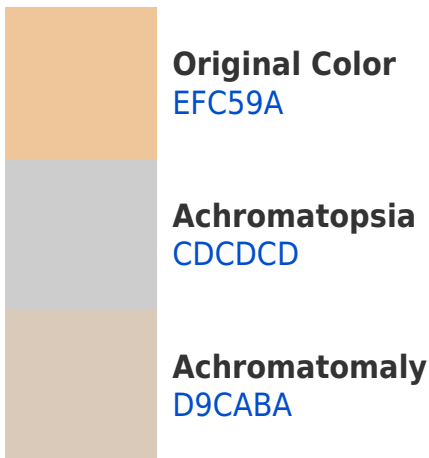


Tritanopia
F4BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EFC59A 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 #EFC59A looks like.

```
.text, #text, p{  
    color:#EFC59A  
}
```

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 #EFC59A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFC59A
}
```

Border

The CSS property to change the border of an element to Hex EFC59A 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
#EFC59A }
```

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

```
.border{ border-color:#EFC59A }
```

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

Here you see how a box with a 4 pixel #EFC59A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFC59A; -webkit-box-shadow:4px 4px  
4px 4px #EFC59A; box-shadow:4px 4px 4px  
4px #EFC59A }
```

Background

The CSS property to change the background color of an element to Hex EFC59A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFC59A }
```

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

```
.background{ background-color:#EFC59A }
```

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