

Converting Colors

Hex(ECFF96)

Have a look what the booklet for
Hex(ECFF96) contains.

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Color

Hex(ECFF96)

Conversions

Conversions Part 1

Format	Color
Hex	ECFF96
RGB	236, 255, 150
RGB Percent	93%, 100%, 59%
CMY	0.0745, 0.0000, 0.4118
CMYK	0.07, 0.00, 0.41, 0.00
HSL	71°, 100%, 79%
HSV	71°, 41%, 100%
XYZ	75.8571, 91.5549, 42.5279
YIQ	237.3490, 22.3810, -36.6830

Conversions

Conversions Part 2

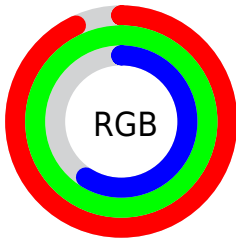
Format	Color
RYB	150, 255, 169
Decimal	15531926
CIELab	96.64, -21.72, 48.01
CIELCh	97, 52.692, 114.341
Yxy	91.5549, 0.3613, 0.4361
Android (android.graphics.Color)	4293722006 (0xFFECCFF96)
YUV	237.3490, -43.0631, -1.1831
Hunter-Lab	95.6843, -25.9354, 40.6269

Details

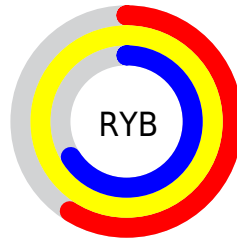
The Hex color **ECFF96** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **A996FF**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFCE**, and **B3C661** is the 20% darker color. If you saturate the color by 10%, you get **E7FF7D**, and if you desaturate by 10%, it is **F1FFB0**.

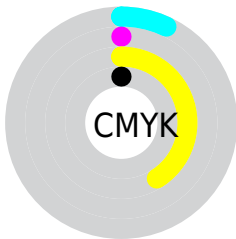
Distribution



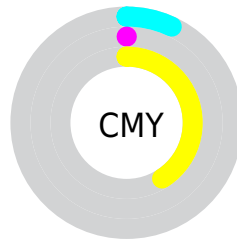
- Red (93%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (66%)



- Cyan (7%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECFF96 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 ECFF96 by changing the saturation by 10% instead.

 ECFF96

 ECFF96

FFFFFF

 CFE27B

 FFFFCE

 B3C661

 FFFFEA

 97AB47

 7C902D

 617711

 475E00

 2F4600

 153000

 001D00

 ECFF96

 ECFF96

 E7FF7D

 F1FFB0

 E3FF63

 F5FFC9

 DEFF4A

 FAFFE3

 DAFF30

 FEFFFC

 D5FF17

 FFFFFFFF

 D1FF00

Harmonies

Analogous

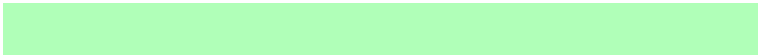
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE88F



ECFF96



B0FFB8

Triad

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



ECFF96



14FFFF



FFCEFF

Complementary

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



ECFF96



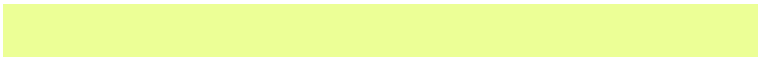
A996FF

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.



FFD9FF



ECFF96



96FDFF

Square

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



ECFF96



00FFFF



EDECFF



FFD0CE

Rectangle

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



ECFF96



82FFD8



EDECFF



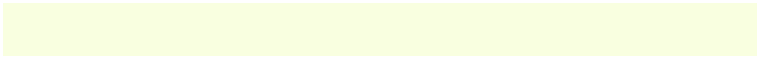
FFD0FF

Sweetspot

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



ECFF96



F9FFE0



FFA896



7C806E



000000



808080

Same Dimension

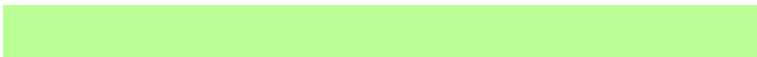
The Same Dimension uses a secret algorithm to generate beautiful new colors.



ECFF96



E8FF82



B9FF96



7D8073



9DBF00



344000

Inverse Universe

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



A996FF



9982FF



DC96FF



757380



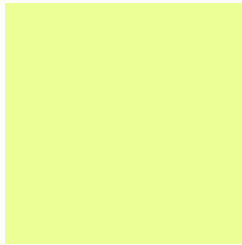
2300BF



0C0040

Previews

White Background



This preview shows how the Hex color ECFF96 looks on a white background.

Color Contrast Check

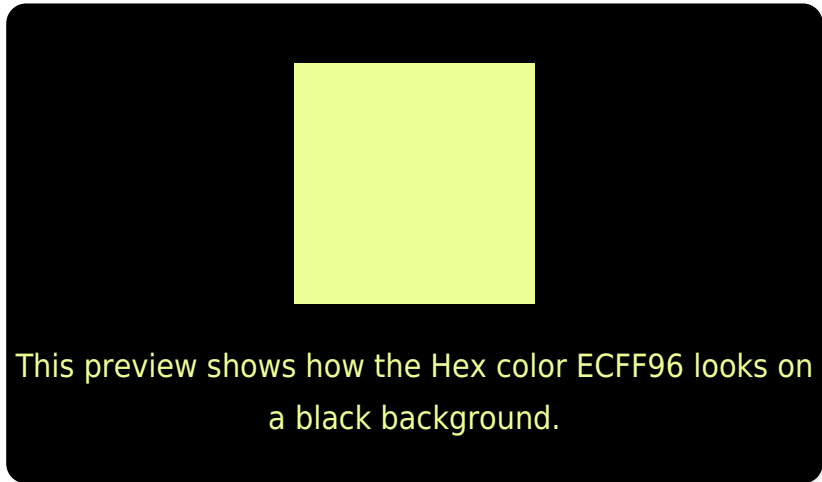
Large Text (above 18pt) WCAG AA × Fail

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

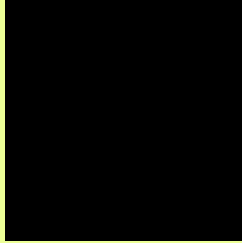
Any Text WCAG AA ✓ Pass

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 ECFF96 Background



This preview shows how black text looks on a background with the Hex color ECFF96.

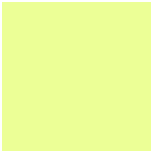
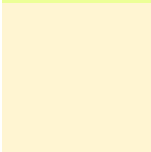
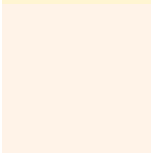


This preview shows how white text looks on a background with the Hex color ECFF96.

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](#).

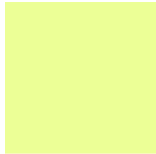
Dichromacy

	Original Color ECFF96
	Protanopia FFF5D2
	Deuteranopia FFF3E8

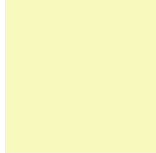


Tritanopia
F8F3FF

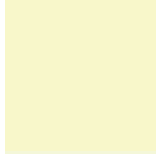
Trichromacy



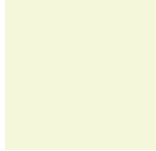
Original Color
ECFF96



Protanomaly
F8F9BC

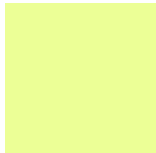


Deuteranomaly
F8F7CA

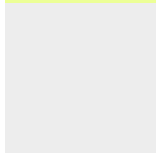


Tritanomaly
F4F7D9

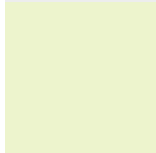
Monochromacy



Original Color
ECFF96



Achromatopsia
EDEDED



Achromatomaly
EDF4CD

CSS Examples

Text

The CSS property to change the color of the text to Hex ECFF96 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 #ECFF96 looks like.

```
.text, #text, p{  
    color:#ECFF96  
}
```

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 #ECFF96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECFF96
}
```

Border

The CSS property to change the border of an element to Hex ECFF96 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
#ECFF96 }
```

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

```
.border{ border-color:#ECFF96 }
```

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

Here you see how a box with a 4 pixel #ECFF96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECFF96; -webkit-box-shadow:4px 4px  
4px 4px #ECFF96; box-shadow:4px 4px 4px  
4px #ECFF96 }
```

Background

The CSS property to change the background color of an element to Hex ECFF96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECFF96 }
```

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

```
.background{ background-color:#ECFF96 }
```

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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