

Converting Colors

Hex(ECF174)

Have a look what the booklet for
Hex(ECF174) contains.

Hex(ECF174)	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(ECF174)

Conversions

Conversions Part 1

Format	Color
Hex	ECF174
RGB	236, 241, 116
RGB Percent	93%, 95%, 45%
CMY	0.0745, 0.0549, 0.5451
CMYK	0.02, 0.00, 0.52, 0.05
HSL	62°, 82%, 70%
HSV	62°, 52%, 95%
XYZ	69.1998, 82.0044, 28.7042
YIQ	225.2550, 37.1450, -39.9350

Conversions

Conversions Part 2

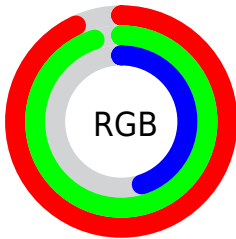
Format	Color
RYB	116, 241, 121
Decimal	15528308
CIELab	92.58, -18.20, 58.96
CIElCh	93, 61.705, 107.152
Yxy	82.0044, 0.3846, 0.4558
Android (android.graphics.Color)	4293718388 (0xFFECEF174)
YUV	225.2550, -53.8627, 9.4234
Hunter-Lab	90.5563, -22.0704, 44.5959

Details

The Hex color **ECF174** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7974F1**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFAB**, and **B2B93E** is the 20% darker color. If you saturate the color by 10%, you get **EBF15C**, and if you desaturate by 10%, it is **EDF18C**.

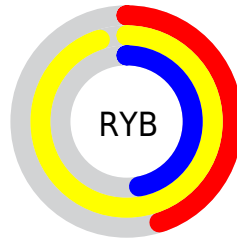
Distribution



Red (93%)

Green (95%)

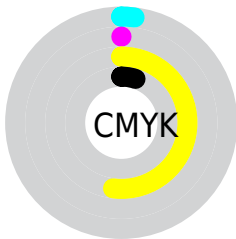
Blue (45%)



Red (45%)

Yellow (95%)

Blue (47%)

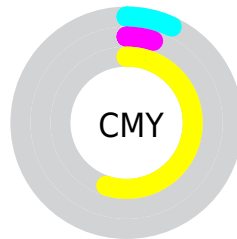


Cyan (2%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (7%)

Magenta (5%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECF174 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 ECF174 by changing the saturation by 10% instead.

 ECF174

 ECF174

FFFFFF

 CFD559

 FFFFAB

 B2B93E

 FFFFC7

 969E21


 FFFFE4

 7A8400

 5F6B00

 455300

 2A3C00

 112600

 001000

 ECF174

 ECF174

 EBF15C

 EDF18C

 EAF144

 EEF1A4

 E9F12C

 EFF1BC

 E8F114

 F0F1D4

 E7F100

 F1F1EC

 F2F1FF

 F3F1FF

 F4F1FF

 F5F1FF

Harmonies

Analogous

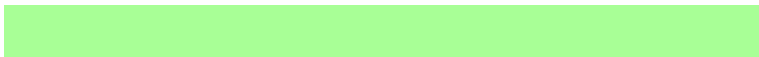
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD74



ECF174



A8FF96

Triad

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



ECF174



00FFFF



FFBBFF

Complementary

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



ECF174



7974F1

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.



FFCDFF



ECF174



29F7FF

Square

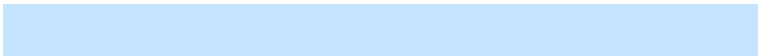
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ECF174



00FFFF



C5E4FF



FFB9CA

Rectangle

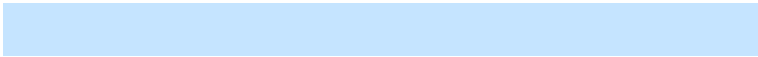
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECF174



6EFFB9



C5E4FF



FFC0FF

Sweetspot

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



ECF174



FDFFD6



F17874



7F8067



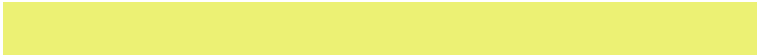
000000



808080

Same Dimension

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



ECF174



F9FF61



AEF174



77786C



B0B800



363800

Inverse Universe

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



7974F1



6761FF



B774F1



6C6C78



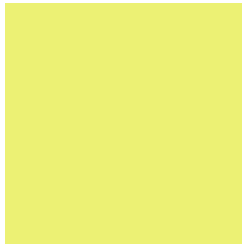
0700B8



020038

Previews

White Background



This preview shows how the Hex color ECF174 looks on a white background.

Color Contrast Check

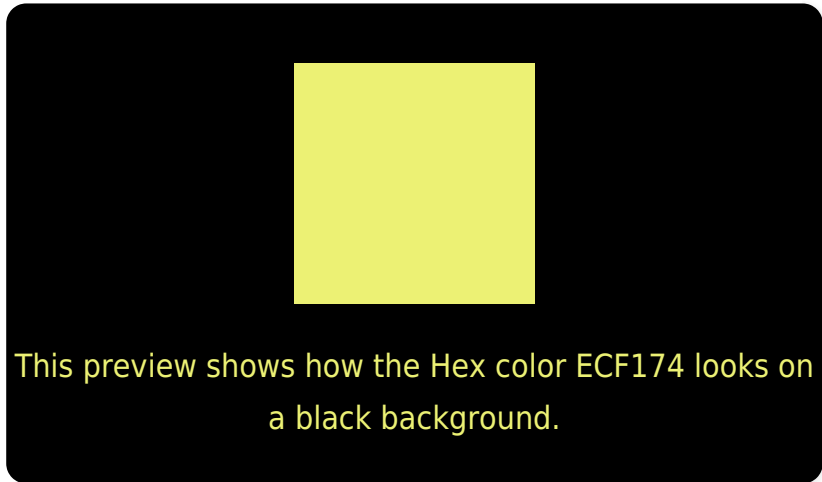
Large Text (above 18pt) WCAG AA × Fail

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 ECF174 Background



This preview shows how black text looks on a background with the Hex color ECF174.

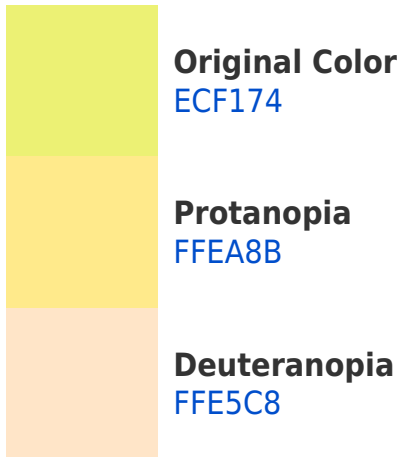


This preview shows how white text looks on a background with the Hex color ECF174.

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
FAE3F5

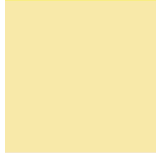
Trichromacy



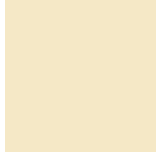
Original Color
ECF174



Protanomaly
F8ED83



Deuteranomaly
F8E9A9

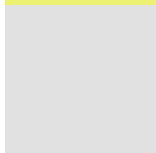


Tritanomaly
F5E8C6

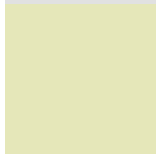
Monochromacy



Original Color
ECF174



Achromatopsia
E1E1E1



Achromatomaly
E5E7B9

CSS Examples

Text

The CSS property to change the color of the text to Hex ECF174 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 #ECF174 looks like.

```
.text, #text, p{  
    color:#ECF174  
}
```

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 #ECF174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECF174
}
```

Border

The CSS property to change the border of an element to Hex ECF174 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
#ECF174 }
```

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

```
.border{ border-color:#ECF174 }
```

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

Here you see how a box with a 4 pixel #ECF174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECF174; -webkit-box-shadow:4px 4px  
4px 4px #ECF174; box-shadow:4px 4px 4px  
4px #ECF174 }
```

Background

The CSS property to change the background color of an element to Hex ECF174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECF174 }
```

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

```
.background{ background-color:#ECF174 }
```

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