

Converting Colors

Hex(ECEF59)

Have a look what the booklet for
Hex(ECEF59) contains.

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Color

Hex(ECEF59)

Conversions

Conversions Part 1

Format	Color
Hex	ECEF59
RGB	236, 239, 89
RGB Percent	93%, 94%, 35%
CMY	0.0745, 0.0627, 0.6510
CMYK	0.01, 0.00, 0.63, 0.06
HSL	61°, 82%, 64%
HSV	61°, 63%, 94%
XYZ	67.2617, 80.2871, 21.4031
YIQ	221.0030, 46.3620, -47.2860

Conversions

Conversions Part 2

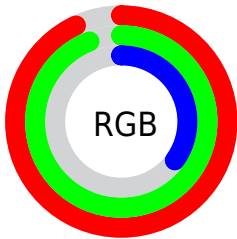
Format	Color
R _Y B	89, 239, 92
Decimal	15527769
CIE Lab	91.81, -19.15, 69.60
CIE LCh	92, 72.183, 105.382
Yxy	80.2871, 0.3981, 0.4752
Android (android.graphics.Color)	4293717849 (0xFFECE59)
YUV	221.0030, -65.0775, 13.1524
Hunter-Lab	89.6031, -22.8120, 48.5598

Details

The Hex color **ECEF59** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5C59EF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFF91**, and **B1B719** is the 20% darker color. If you saturate the color by 10%, you get **ECEF41**, and if you desaturate by 10%, it is **ECEF71**.

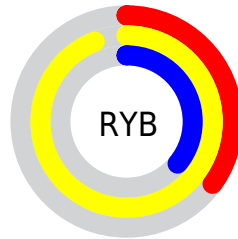
Distribution



Red (93%)

Green (94%)

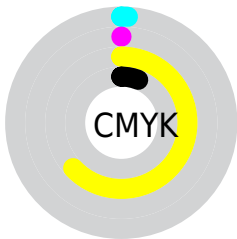
Blue (35%)



Red (35%)

Yellow (94%)

Blue (36%)

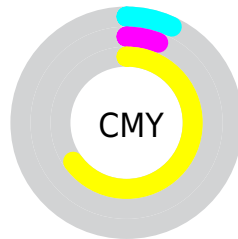


Cyan (1%)

Magenta (0%)

Yellow (63%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECEF59 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 ECEF59 by changing the saturation by 10% instead.

 ECEF59

 ECEF59

FFFFFF

 CED33C

 FFFF91

 B1B719

 FFFF91

 949C00

 FFFFCA

 788300

 FFFF91

 5D6900

 415100

 273B00

 0D2500

 000C00

 ECEF59

 ECEF59

 ECEF41

 ECEF71

 EBEF29

 EDEF89

 EBEF11

 EDEFA1

 EAEF00

 EEEFB9

 EEEFD1

 EFEFE8

 EFEFFF

 FOFFFF

Harmonies

Analogous

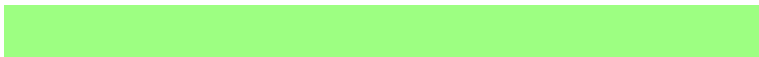
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD85D



ECEF59



9DFF82

Triad

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



ECEF59



00FFFF



FFAFFF

Complementary

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



ECEF59



5C59EF

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.



FFC7FF



ECEF59



00F9FF

Square

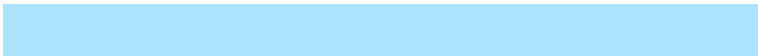
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ECEF59



00FFFF



AEE3FF



FFABC6

Rectangle

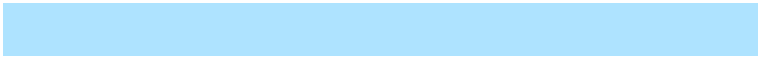
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECEF59



4EFFAB



AEE3FF



FFB5FF

Sweetspot

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



ECEF59



FEFFCF



EF5C59



7F8062



000000



808080

Same Dimension

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



ECEF59



FBFF40



A2EF59



78786C



B4B800



373800

Inverse Universe

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



5C59EF



4440FF



A659EF



6C6C78



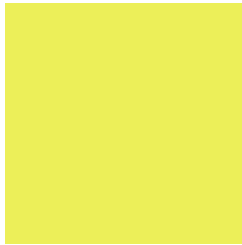
0400B8



010038

Previews

White Background



This preview shows how the Hex color ECEF59 looks on a white background.

Color Contrast Check

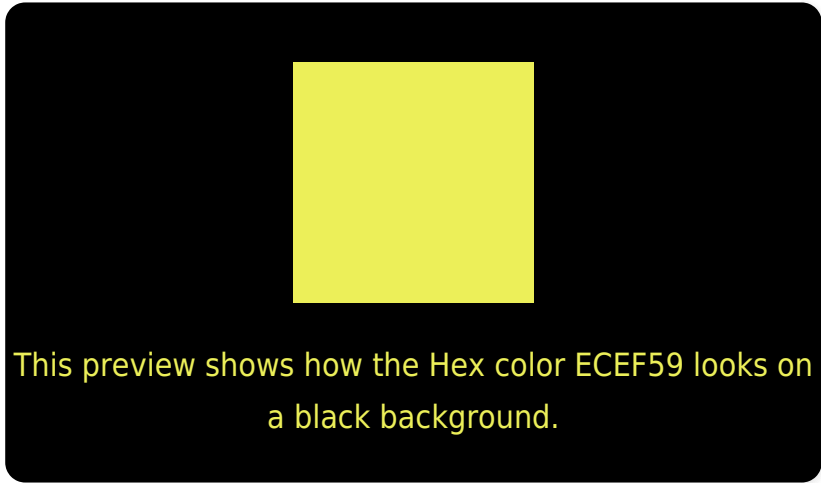
Large Text (above 18pt) WCAG AA × Fail

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 ECEF59 Background



This preview shows how black text looks on a background with the Hex color ECEF59.

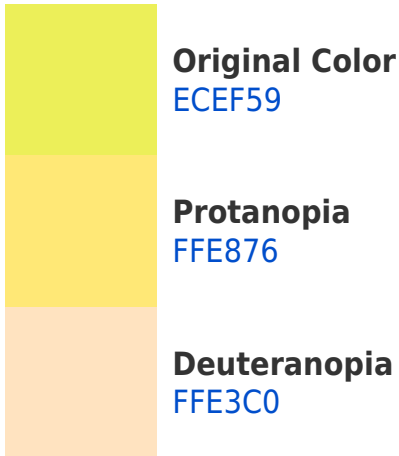


This preview shows how white text looks on a background with the Hex color ECEF59.

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



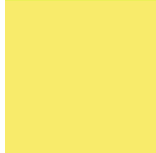


Tritanopia
FAE0F1

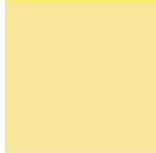
Trichromacy



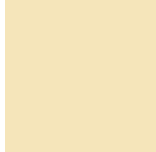
Original Color
ECEF59



Protanomaly
F8EB6B



Deuteranomaly
F8E79B

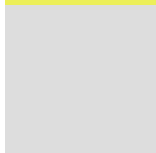


Tritanomaly
F5E5BA

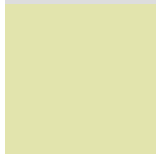
Monochromacy



Original Color
ECEF59



Achromatopsia
DDDDDD



Achromatomaly
E2E4AD

CSS Examples

Text

The CSS property to change the color of the text to Hex ECEF59 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 #ECEF59 looks like.

```
.text, #text, p{  
    color:#ECEF59  
}
```

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 #ECEF59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECEF59
}
```

Border

The CSS property to change the border of an element to Hex ECEF59 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
#ECEF59 }
```

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

```
.border{ border-color:#ECEF59 }
```

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

Here you see how a box with a 4 pixel #ECEF59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECEF59; -webkit-box-shadow:4px 4px  
4px 4px #ECEF59; box-shadow:4px 4px 4px  
4px #ECEF59 }
```

Background

The CSS property to change the background color of an element to Hex ECEF59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECEF59 }
```

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

```
.background{ background-color:#ECEF59 }
```

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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