

# Converting Colors

Hex(EECF47)

Have a look what the booklet for  
Hex(EECF47) contains.

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# **Color**

**Hex(EECF47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EECF47
RGB	238, 207, 71
RGB Percent	93%, 81%, 28%
CMY	0.0667, 0.1882, 0.7216
CMYK	0.00, 0.13, 0.70, 0.07
HSL	49°, 83%, 61%
HSV	49°, 70%, 93%
XYZ	58.7100, 63.2577, 15.0768
YIQ	200.7650, 62.1320, -35.7240

# Conversions

## Conversions Part 2

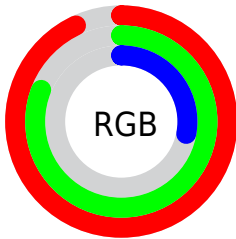
Format	Color
<a href="#">RYB</a>	<a href="#">109, 238, 71</a>
Decimal	<a href="#">15650631</a>
CIELab	<a href="#">83.58, -3.39, 68.22</a>
CIELCh	<a href="#">84, 68.300, 92.847</a>
Yxy	<a href="#">63.2577, 0.4284, 0.4616</a>
Android (android.graphics.Color)	<a href="#">4293840711 (0xFFEECF47)</a>
YUV	<a href="#">200.7650, -63.9741, 32.6551</a>
Hunter-Lab	<a href="#">79.5347, -7.4226, 44.4351</a>

# Details

The Hex color **EECF47** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **4766EE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF7F**, and **B29900** is the 20% darker color. If you saturate the color by 10%, you get **EECB2F**, and if you desaturate by 10%, it is **EED35F**.

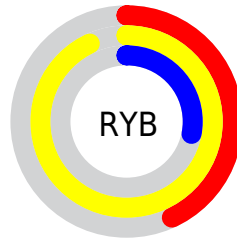
# Distribution



Red (93%)

Green (81%)

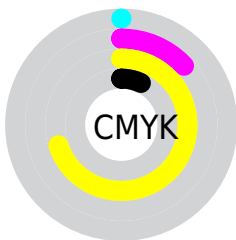
Blue (28%)



Red (43%)

Yellow (93%)

Blue (28%)

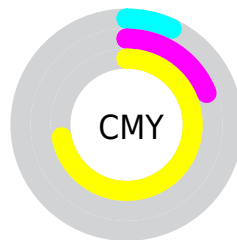


Cyan (0%)

Magenta (13%)

Yellow (70%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EECF47 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 EECF47 by changing the saturation by 10% instead.



 EECF47

 EECF47

FFFFFF

 D0B429

 FFFF7F

 B29900

 FFFF9B

 957F00

 FFFFB7

 796700

 FFFFD4

 5D4F00

 FFFFF1

 423800

 282300

 0B0F00

 000000

 EECF47

 EECF47

 EECB2F

 EED35F

 EEC617

 EED877

 EEC200

 EEDC8E

 EEE1A6

 EEE5BE

 EEEAD6

 EEEEEEE

 EEF2FF

 EEF7FF

# Harmonies

## Analogous

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



FFB75D



EECF47



ACE15E

# Triad

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



EECF47



00EFFF



FFA3FF

# Complementary

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



EECF47



4766EE

# 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.



DBBDFE



EECF47



00E6FF

# Square

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



EECF47



00F0D5



53D5FF



FF96CD

# Rectangle

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



EECF47



74E97F



53D5FF



FFABFF



# Sweetspot

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



EECF47



FFF5C9



EE4768



807A60



000000



808080



# Same Dimension

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



EECF47



FFD729



BCEE47



78766C



B89600



382E00



# Inverse Universe

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



4766EE



2951FF



7947EE



6C6E78



0022B8



000A38



# Previews

## White Background



This preview shows how the Hex color EECF47 looks on a white background.

## Color Contrast Check

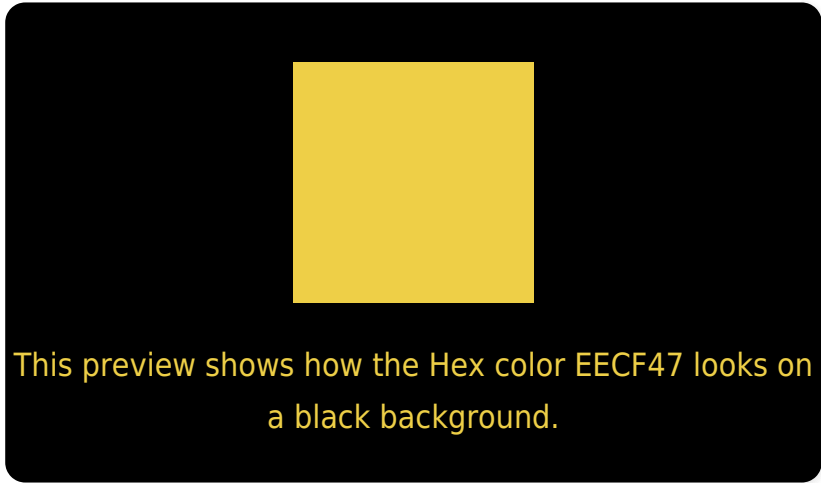
Large Text (above 18pt) WCAG AA × Fail

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 EECF47 Background



This preview shows how black text looks on a background with the Hex color EECF47.

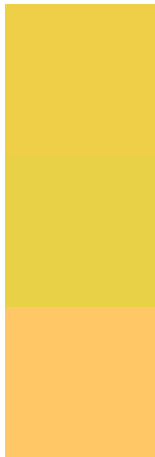


This preview shows how white text looks on a background with the Hex color EECF47.

# 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**  
EECF47

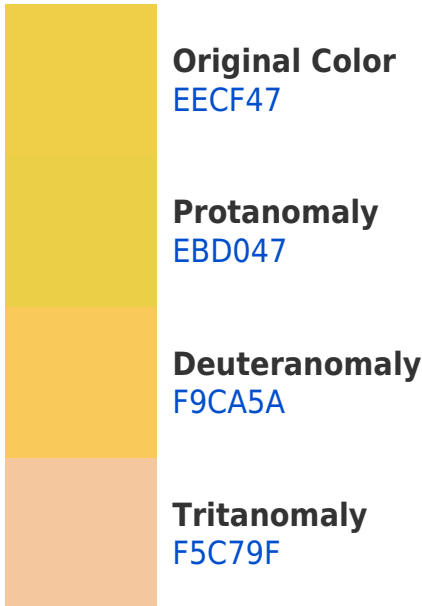
**Protanopia**  
E9D147

**Deuteranopia**  
FFC765

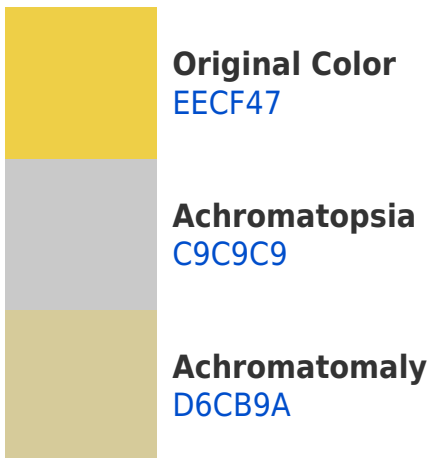


**Tritanopia**  
F9C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EECF47 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 #EECF47 looks like.

```
.text, #text, p{  
    color:#EECF47  
}
```

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 #EECF47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EECF47
}
```

## Border

The CSS property to change the border of an element to Hex EECF47 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
#EECF47 }
```

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

```
.border{ border-color:#EECF47 }
```

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

Here you see how a box with a 4 pixel #EECF47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EECF47; -webkit-box-shadow:4px 4px  
4px 4px #EECF47; box-shadow:4px 4px 4px  
4px #EECF47 }
```

# Background

The CSS property to change the background color of an element to Hex EECF47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EECF47 }
```

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

```
.background{ background-color:#EECF47 }
```

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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