

# Converting Colors

Hex(EDED77)

Have a look what the booklet for  
Hex(EDED77) contains.

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# **Color**

**Hex(EDED77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDED77
RGB	237, 237, 119
RGB Percent	93%, 93%, 47%
CMY	0.0706, 0.0706, 0.5333
CMYK	0.00, 0.00, 0.50, 0.07
HSL	60°, 77%, 70%
HSV	60°, 50%, 93%
XYZ	68.5390, 79.9048, 29.2635
YIQ	223.5480, 37.8780, -36.6980

# Conversions

## Conversions Part 2

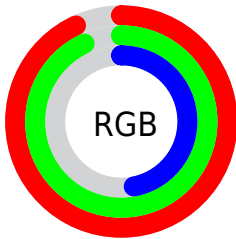
Format	Color
<b>RYB</b>	119, 237, 119
Decimal	15592823
CIELab	91.64, -15.60, 56.52
CIELCh	92, 58.636, 105.434
Yxy	79.9048, 0.3857, 0.4496
Android (android.graphics.Color)	4293782903 (0xFFEDED77)
YUV	223.5480, -51.5422, 11.7974
Hunter-Lab	89.3895, -19.5675, 43.1628

# Details

The Hex color **EDED77** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7777ED**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFAE**, and **B3B542** is the 20% darker color. If you saturate the color by 10%, you get **EDED5F**, and if you desaturate by 10%, it is **EDED8F**.

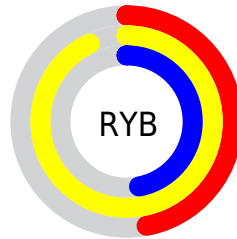
# Distribution



Red (93%)

Green (93%)

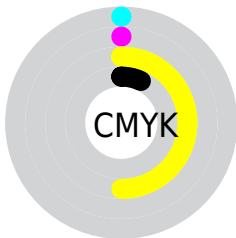
Blue (47%)



Red (47%)

Yellow (93%)

Blue (47%)

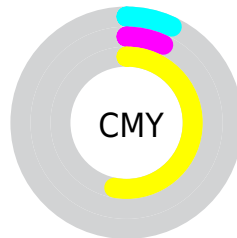


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EDED77 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 EDED77 by changing the saturation by 10% instead.



 EDED77

 EDED77

FFFFFF

 D0D15C

 FFFFAE

 B3B542

 FFFPCA

 979B26

 FFFFE7

 7B8100

 606800

 465000

 2C3900

 132300

 000B00

 EDED77

 EDED77

 EDED5F

 EDED8F

 EDED48

 EDEDA6

 EDED30

 EDEDBE

 EDED18

 EDEDD6

 EDED00

 EDEDED

 EDEDFE

# Harmonies

## Analogous

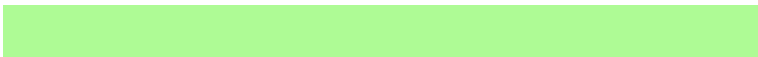
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDA79



EDED77



AEFB95

# Triad

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



EDED77



00FFFF



FFBCFF

# Complementary

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



EDED77



7777ED

# 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



EDED77



38F5FF

# Square

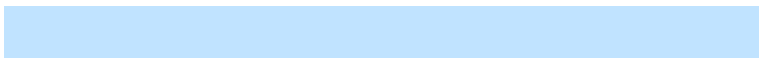
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EDED77



00FFFF



C0E3FF



FFB9CC

# Rectangle

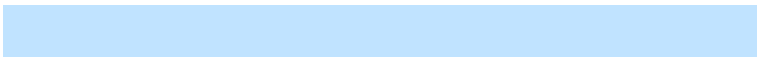
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EDED77



7AFFB6



C0E3FF



FFC1FF



# Sweetspot

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



EDED77



FFFFD9



ED7777



808069



000000



808080



# Same Dimension

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



EDED77



FFFF66



B2ED77



75756A



B5B500



363600



# Inverse Universe

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



7777ED



6666FF



B277ED



6A6A75



0000B5

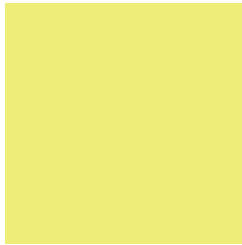


000036



# Previews

## White Background



This preview shows how the Hex color EDED77 looks on a white background.

## Color Contrast Check

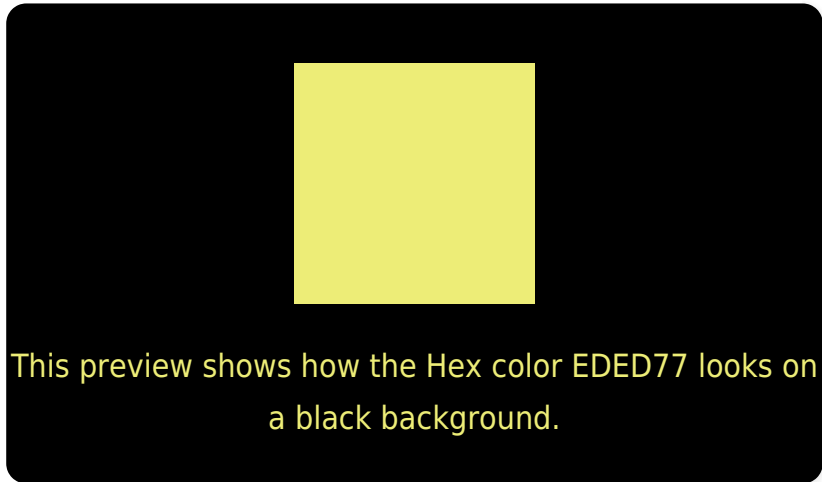
Large Text (above 18pt) WCAG AA × Fail

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

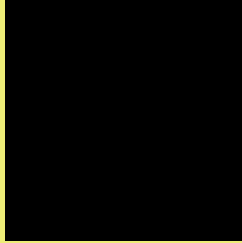
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EDED77 Background



This preview shows how black text looks on a background with the Hex color EDED77.

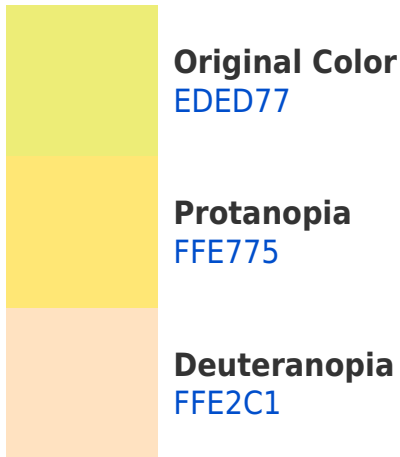


This preview shows how white text looks on a background with the Hex color EDED77.

# 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](#).

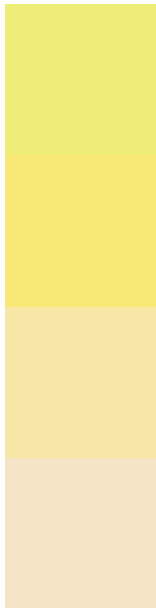
## Dichromacy





**Tritanopia**  
FADFF1

# Trichromacy



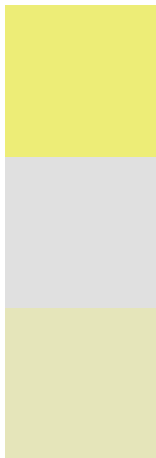
**Original Color**  
EDED77

**Protanomaly**  
F8E976

**Deuteranomaly**  
F8E6A6

**Tritanomaly**  
F5E4C5

# Monochromacy



**Original Color**  
EDED77

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
E5E5BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EDED77 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 #EDED77 looks like.

```
.text, #text, p{  
    color:#EDED77  
}
```

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 #EDED77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDED77  
}
```

## Border

The CSS property to change the border of an element to Hex EDED77 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  
#EDED77 }
```

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

```
.border{ border-color:#EDED77 }
```

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

Here you see how a box with a 4 pixel #EDED77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDED77; -webkit-box-shadow:4px 4px  
4px 4px #EDED77; box-shadow:4px 4px 4px  
4px #EDED77 }
```

# Background

The CSS property to change the background color of an element to Hex EDED77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDED77 }
```

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

```
.background{ background-color:#EDED77 }
```

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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