

# Converting Colors

Hex(EDED41)

Have a look what the booklet for  
Hex(EDED41) contains.

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# **Color**

**Hex(EDED41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDED41
RGB	237, 237, 65
RGB Percent	93%, 93%, 25%
CMY	0.0706, 0.0706, 0.7451
CMYK	0.00, 0.00, 0.73, 0.07
HSL	60°, 83%, 59%
HSV	60°, 73%, 93%
XYZ	66.1634, 78.9546, 16.7536
YIQ	217.3920, 55.2120, -53.4920

# Conversions

## Conversions Part 2

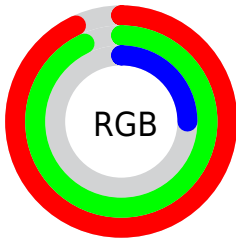
Format	Color
<a href="#">RYB</a>	<a href="#">65, 237, 65</a>
Decimal	<a href="#">15592769</a>
<a href="#">CIELab</a>	<a href="#">91.21, -19.00, 77.68</a>
<a href="#">CIELCh</a>	<a href="#">91, 79.970, 103.744</a>
<a href="#">Yxy</a>	<a href="#">78.9546, 0.4087, 0.4878</a>
Android (android.graphics.Color)	<a href="#">4293782849</a> ( <a href="#">0xFFEDED41</a> )
<a href="#">YUV</a>	<a href="#">217.3920, -75.1293, 17.1962</a>
<a href="#">Hunter-Lab</a>	<a href="#">88.8564, -22.5857, 51.0205</a>

# Details

The Hex color **EDED41** 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 **4141ED**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF7C**, and **B1B500** is the 20% darker color. If you saturate the color by 10%, you get **EDED29**, and if you desaturate by 10%, it is **EDED59**.

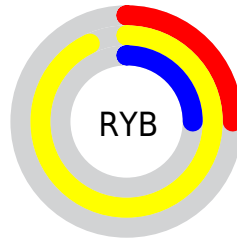
# Distribution



Red (93%)

Green (93%)

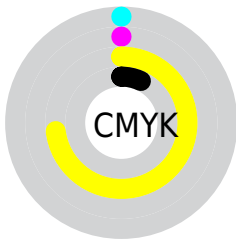
Blue (25%)



Red (25%)

Yellow (93%)

Blue (25%)

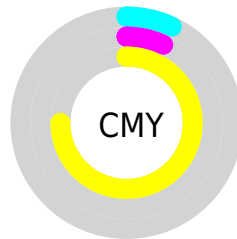


Cyan (0%)

Magenta (0%)

Yellow (73%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EDED41 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 EDED41 by changing the saturation by 10% instead.



 EDED41

 EDED41

FFFFFF

 CFD11C

 FFFF7C

 B1B500

 FFFF99

 949B00

 FFFFB6

 778100


 FFFFDD

 5C6800

 FFFFF1

 405000

 253900

 0B2400

 000800

 EDED41

 EDED41

 EDED29

 EDED59

 EDED12

 EDED70

 EDED00

 EDED88


 EDEDA0

 EDEDB7

 EDEDCE

 EDEDE7

 EDEDE7

 EDEDE7

 EDEDE7

 EDEDE7

 EDEDE7

 EDEDE7

# Harmonies

## Analogous

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



FFD34A



EDED41



96FF70

# Triad

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



EDED41



00FFFF



FFA5FF

# Complementary

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



EDED41



4141ED

# 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.



FFC2FF



EDED41



00FAFF

# Square

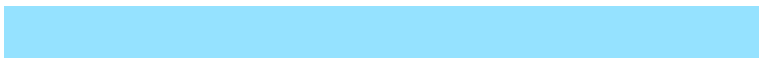
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EDED41



00FFFF



95E2FF



FF9FC6

# Rectangle

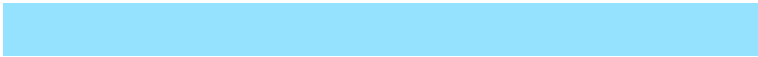
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EDED41



2DFF9F



95E2FF



FFADFF



# Sweetspot

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



EDED41



FFFFC7



ED4141



80805E



000000



808080



# Same Dimension

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



EDED41



FFFF21



97ED41



75756A



B5B500



363600



# Inverse Universe

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



4141ED



2121FF



9741ED



6A6A75



0000B5

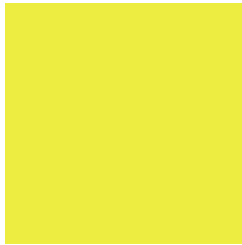


000036



# Previews

## White Background



This preview shows how the Hex color EDED41 looks on a white background.

## Color Contrast Check

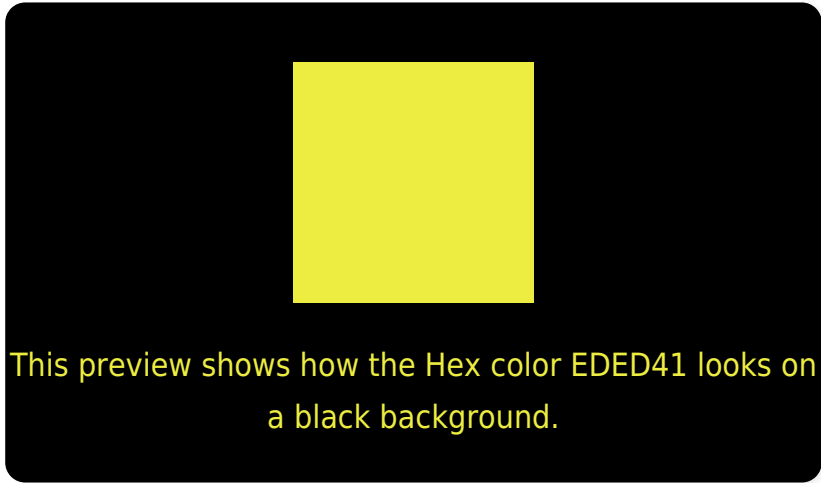
Large Text (above 18pt) WCAG AA × Fail

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 EDED41 Background



This preview shows how black text looks on a background with the Hex color EDED41.

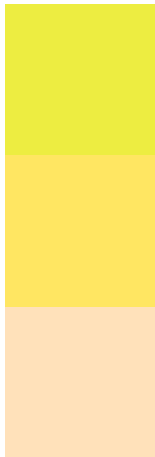


This preview shows how white text looks on a background with the Hex color EDED41.

# 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



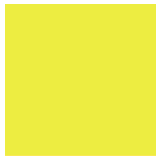
**Original Color**  
EDED41

**Protanopia**  
FFE662

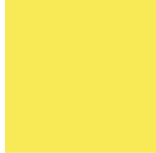
**Deuteranopia**  
FFE1BA



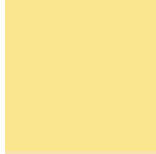
# Trichromacy



**Original Color**  
EDED41



**Protanomaly**  
F8E956



**Deuteranomaly**  
F8E58E

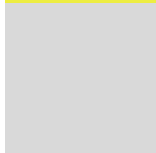


**Tritanomaly**  
F7E3AF

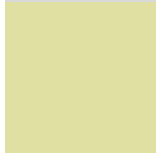
# Monochromacy



**Original Color**  
EDED41



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
E0E0A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EDED41 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 #EDED41 looks like.

```
.text, #text, p{  
    color:#EDED41  
}
```

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 #EDED41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDED41
}
```

## Border

The CSS property to change the border of an element to Hex EDED41 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
#EDED41 }
```

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

```
.border{ border-color:#EDED41 }
```

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

Here you see how a box with a 4 pixel #EDED41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDED41; -webkit-box-shadow:4px 4px  
4px 4px #EDED41; box-shadow:4px 4px 4px  
4px #EDED41 }
```

# Background

The CSS property to change the background color of an element to Hex EDED41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDED41 }
```

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

```
.background{ background-color:#EDED41 }
```

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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