

Converting Colors

Hex(EED357)

Have a look what the booklet for
Hex(EED357) contains.

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Color

Hex(EED357)

Conversions

Conversions Part 1

Format	Color
Hex	EED357
RGB	238, 211, 87
RGB Percent	93%, 83%, 34%
CMY	0.0667, 0.1725, 0.6588
CMYK	0.00, 0.11, 0.63, 0.07
HSL	49°, 82%, 64%
HSV	49°, 63%, 93%
XYZ	60.2745, 65.4538, 18.4739
YIQ	204.9370, 55.8960, -32.8400

Conversions

Conversions Part 2

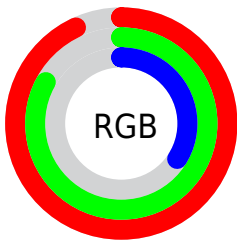
Format	Color
RYB	120, 238, 87
Decimal	15651671
CIELab	84.72, -4.55, 62.93
CIELCh	85, 63.094, 94.139
Yxy	65.4538, 0.4180, 0.4539
Android (android.graphics.Color)	4293841751 (0xFFEED357)
YUV	204.9370, -58.1429, 28.9963
Hunter-Lab	80.9035, -8.5957, 43.0939

Details

The Hex color **EED357** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5772EE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF8E**, and **B39D1D** is the 20% darker color. If you saturate the color by 10%, you get **EECF3F**, and if you desaturate by 10%, it is **EED76F**.

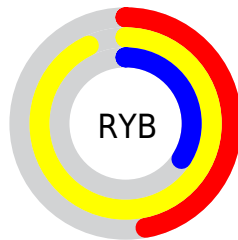
Distribution



Red (93%)

Green (83%)

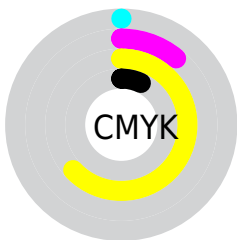
Blue (34%)



Red (47%)

Yellow (93%)

Blue (34%)

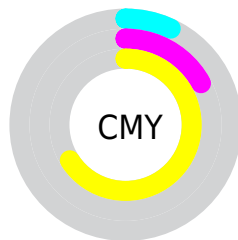


Cyan (0%)

Magenta (11%)

Yellow (63%)

Black (7%)



Cyan (7%)

Magenta (17%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color EED357 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 EED357 by changing the saturation by 10% instead.

 EED357

 EED357

FFFFFF

 D0B83B

 FFFF8E

 B39D1D

 FFFFA9

 968300

 FFFFC6

 7A6A00

 FFFF E3

 5F5200

 433B00

 2A2600

 0E1200

 000000

 EED357

 EED357

 EECF3F

 EED76F

 EECA27

 EEDC87

 EEC610

 EEE09E

 EEC300

 EEE4B6

 EEE8CE

 EEDE6

 EEF1FE

 EEF5FF

 EEF9FF

Harmonies

Analogous

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



FFBE68



EED357



B0E36C

Triad

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



EED357



00F0FF



FFA0FF

Complementary

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



EED357



5772EE

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.



E2C1FF



EED357



00E7FF

Square

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



EED357



00F1DA



74D7FF



FFA0CE

Rectangle

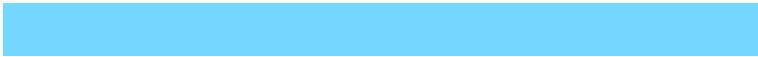
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EED357



7DEB8B



74D7FF



FFB1FF

Sweetspot

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



EED357



FFF6CF



EE5773



807A62



000000



808080

Same Dimension

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



EED357



FFDC3D



BEEE57



78766C



B89700



382E00

Inverse Universe

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



5772EE



3D60FF



8757EE



6C6E78



0021B8



000A38

Previews

White Background



This preview shows how the Hex color EED357 looks on a white background.

Color Contrast Check

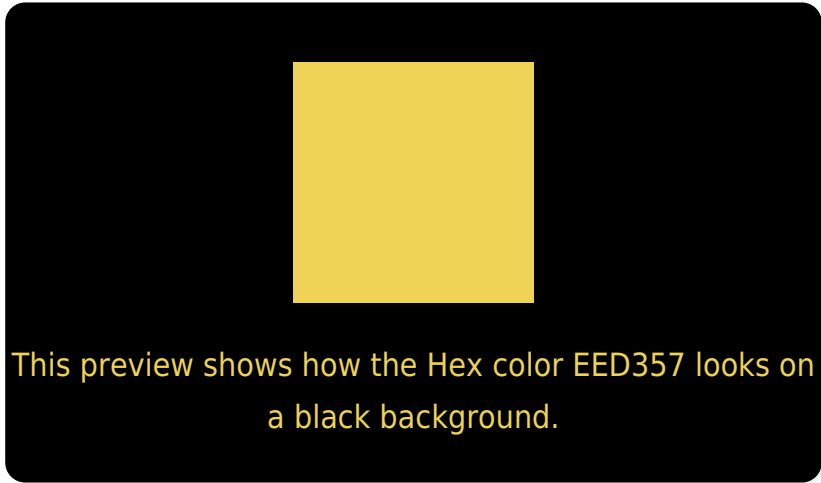
Large Text (above 18pt) WCAG AA × Fail

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 EED357 Background



This preview shows how black text looks on a background with the Hex color EED357.

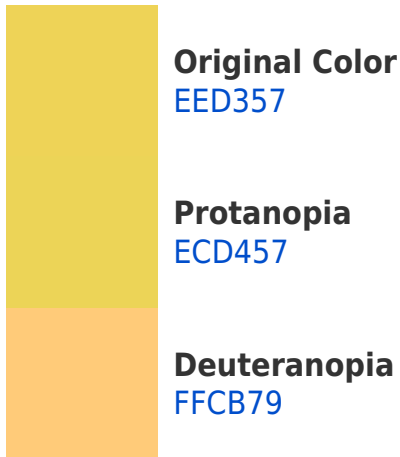


This preview shows how white text looks on a background with the Hex color EED357.

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](#).

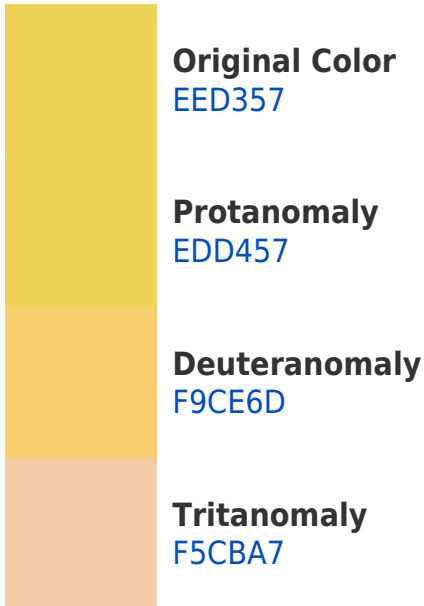
Dichromacy



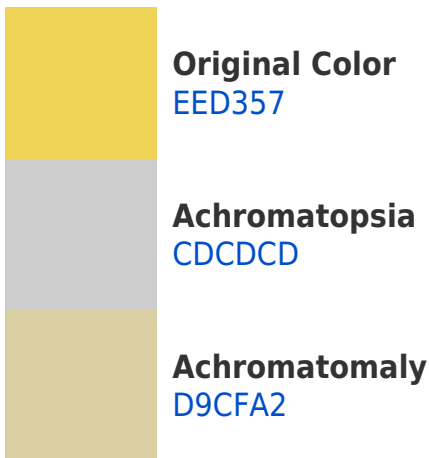


Tritanopia
F9C6D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EED357 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 #EED357 looks like.

```
.text, #text, p{  
    color:#EED357  
}
```

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 #EED357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EED357
}
```

Border

The CSS property to change the border of an element to Hex EED357 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
#EED357 }
```

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

```
.border{ border-color:#EED357 }
```

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

Here you see how a box with a 4 pixel #EED357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EED357; -webkit-box-shadow:4px 4px  
4px 4px #EED357; box-shadow:4px 4px 4px  
4px #EED357 }
```

Background

The CSS property to change the background color of an element to Hex EED357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EED357 }
```

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

```
.background{ background-color:#EED357 }
```

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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