Converting Colors

Hex(E6E345)

Have a look what the booklet for Hex(E6E345) contains.

Hex(E6E345) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Hex(E6E345)

Conversions

Conversions Part 1

Format	Color
Hex	E6E345
RGB	230, 227, 69
RGB Percent	90%, 89%, 27%
CMY	0.0980, 0.1098, 0.7294
CMYK	0.00, 0.01, 0.70, 0.10
HSL	59°, 76%, 59%
HSV	59°, 70%, 90%
XYZ	61.1764, 72.1908, 16.3401
YIQ	209.8850, 52.5060, -48.5020

Conversions

Conversions Part 2

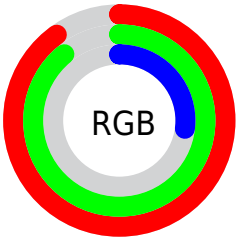
Format	Color
RYB	72, 230, 69
Decimal	15131461
CIELab	88.06, -16.83, 73.13
CIELCh	88, 75.044, 102.962
Yxy	72.1908, 0.4086, 0.4822
Android (android.graphics.Color)	4293321541 (0xFFE6E345)
YUV	209.8850, -69.4563, 17.6409
Hunter-Lab	84.9652, -20.1660, 48.0733

Details

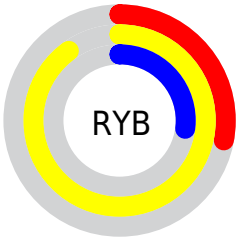
The Hex color E6E345 is a light color, and the websafe version is hex CCCC33. The color can be described as light muted yellow. A complement of this color would be 4548E6, and the grayscale version is D3D3D3.

A 20% lighter version of the original color is FFFF7F, and ABAC00 is the 20% darker color. If you saturate the color by 10%, you get E6E32E, and if you desaturate by 10%, it is E6E35C.

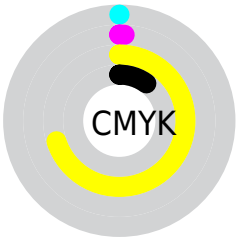
Distribution



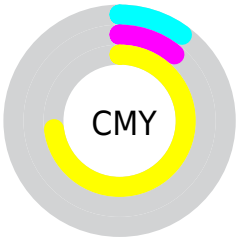
- Red (90%)
- Green (89%)
- Blue (27%)



- Red (28%)
- Yellow (90%)
- Blue (27%)



- Cyan (0%)
- Magenta (1%)
- Yellow (70%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6E345 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 E6E345 by changing the saturation by 10% instead.

E6E345

FFFFFF

FFFF7F

FFFF9B

FFFFB8

FFFFD5

FFFFF2

E6E345

C8C724

ABAC00

8E9200

727800

565F00

3B4800

213200

011D00

000000

E6E345

E6E32E

E6E217

E6E200

E6E345

E6E35C

E6E473

E6E48A

E6E5A1

E6E5B8

E6E6CF

E6E6E6

E6E6FD

E6E7FF

Harmonies

Analogous

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

FFCA4E

E6E345

96F46E

Triad

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

E6E345

00FCFF

FFA2FF

Complementary

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

E6E345

4548E6

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.

FFBDFF

E6E345

00F0FF

Square

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

E6E345

00FFFB

90DAFF

FF9CC1

Rectangle

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

E6E345

41FB99

90DAFF

FFAAFF

Sweetspot

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

E6E345

FFFEC9

E6454A

807F60

000000

808080

Same Dimension

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

E6E345

FFFB29

9BE645

737367

B3AF00

333200

Inverse Universe

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

4548E6

292DFF

9045E6

676773

0003B3

000133

Previews

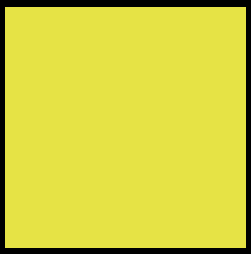
White Background

This preview shows how the Hex color E6E345 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



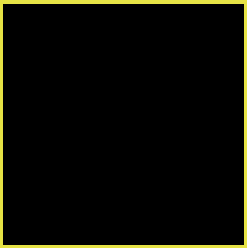
This preview shows how the Hex color E6E345 looks on a black background.

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 E6E345 Background



This preview shows how black text looks on a background with the Hex color E6E345.

This preview shows how white text looks on a background with the Hex color E6E345.

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
E6E345

Protanopia
F7DD43

Deuteranopia
FFD69C

Tritanopia
F4D4E5

Trichromacy

Original Color
E6E345

Protanomaly
F1DF44

Deuteranomaly
F6DB7C

Tritanomaly
EFD9AB

Monochromacy

Original Color
E6E345

Achromatopsia
D2D2D2

Achromatomaly
D9D89F

CSS Examples

Text

The CSS property to change the color of the text to Hex E6E345 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 #E6E345 looks like.

```
.text, #text, p{
    color:#E6E345
}
```

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 #E6E345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6E345
}
```

Border

The CSS property to change the border of an element to Hex E6E345 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
#E6E345 }
```

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

```
.border{ border-color:#E6E345 }
```

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

Here you see how a box with a 4 pixel #E6E345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #E6E345; -webkit-box-shadow:4px 4px 4px 4px #E6E345; box-shadow:4px 4px 4px 4px #E6E345 }
```

Background

The CSS property to change the background color of an element to Hex E6E345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#E6E345 }
```

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

```
.background{ background-color:#E6E345 }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor