

Converting Colors

Hex(E3C555)

Have a look what the booklet for
Hex(E3C555) contains.

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Color

Hex(E3C555)

Conversions

Conversions Part 1

Format	Color
Hex	E3C555
RGB	227, 197, 85
RGB Percent	89%, 77%, 33%
CMY	0.1098, 0.2275, 0.6667
CMYK	0.00, 0.13, 0.63, 0.11
HSL	47°, 72%, 61%
HSV	47°, 63%, 89%
XYZ	53.2845, 56.9193, 16.7725
YIQ	193.2020, 53.8320, -28.4720

Conversions

Conversions Part 2

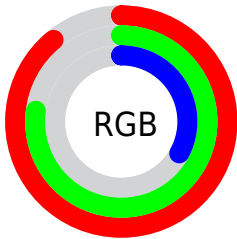
Format	Color
RYB	123, 227, 85
Decimal	14927189
CIELab	80.13, -2.09, 58.54
CIELCh	80, 58.574, 92.048
Yxy	56.9193, 0.4196, 0.4483
Android (android.graphics.Color)	4293117269 (0xFFE3C555)
YUV	193.2020, -53.3436, 29.6408
Hunter-Lab	75.4449, -5.9592, 39.6304

Details

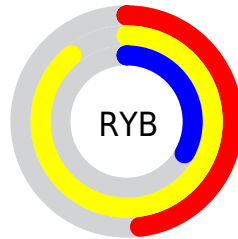
The Hex color **E3C555** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5573E3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFD8B**, and **A8901D** is the 20% darker color. If you saturate the color by 10%, you get **E3C03E**, and if you desaturate by 10%, it is **E3CA6C**.

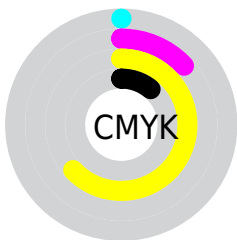
Distribution



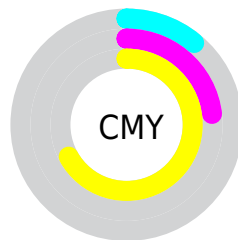
- Red (89%)
- Green (77%)
- Blue (33%)



- Red (48%)
- Yellow (89%)
- Blue (33%)



- Cyan (0%)
- Magenta (13%)
- Yellow (63%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3C555 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 E3C555 by changing the saturation by 10% instead.

 E3C555

 E3C555

FFFFFF

 C5AA3A

 FFFD8B

 A8901D

 FFFFA6

 8C7600

 FFFFC2

 705E00


 FFFFDF

 554600

 FFFFFC

 3A3000

 221C00

 000100

 000000

 E3C555

 E3C555

 E3C03E

 E3CA6C

 E3BB28

 E3CF82

 E3B711

 E3D399

 E3B300

 E3D8B0

 E3DDC6

 E3E2DD

 E3E7F4

 E3EBFF

 E3F0FF

Harmonies

Analogous

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



FFB166



E3C555



ABD466

Triad

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



E3C555



00E1FF



FFA2FB

Complementary

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



E3C555



5573E3

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.



CFB7FF



E3C555



00DAFF

Square

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



E3C555



00E2C9



68CBFF



FF98C5

Rectangle

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



E3C555



7DDC81



68CBFF



FCA9FF

Sweetspot

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



E3C555



FFF5CF



E35574



807962



000000



808080

Same Dimension

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



E3C555



FFD740



BBE355



737067



B38D00



332800

Inverse Universe

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



5573E3



4068FF



7D55E3



676A73



0026B3



000B33

Previews

White Background



This preview shows how the Hex color E3C555 looks on a white background.

Color Contrast Check

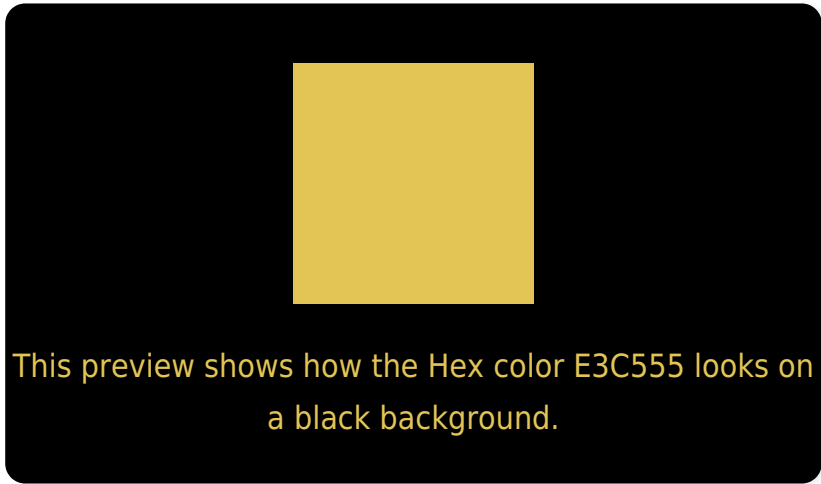
Large Text (above 18pt) WCAG AA × Fail

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 E3C555 Background



This preview shows how black text looks on a background with the Hex color E3C555.

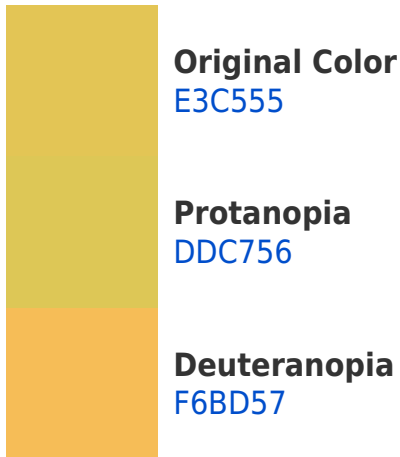


This preview shows how white text looks on a background with the Hex color E3C555.

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](#).

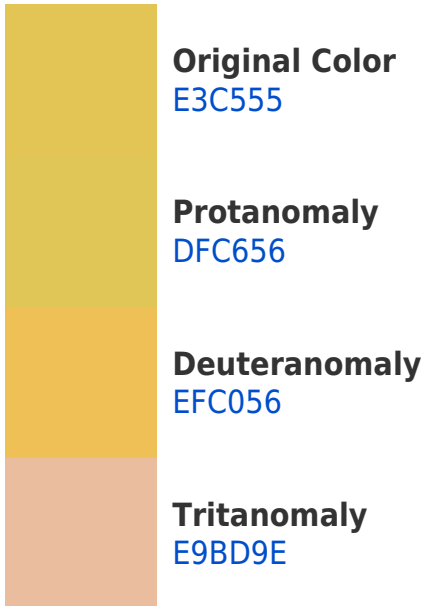
Dichromacy



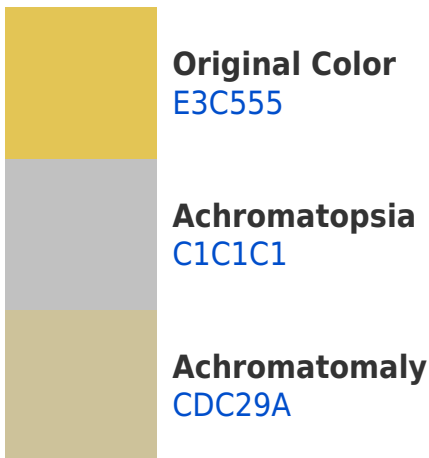


Tritanopia
EDB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3C555 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 #E3C555 looks like.

```
.text, #text, p{  
    color:#E3C555  
}
```

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 #E3C555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3C555
}
```

Border

The CSS property to change the border of an element to Hex E3C555 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
#E3C555 }
```

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

```
.border{ border-color:#E3C555 }
```

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

Here you see how a box with a 4 pixel #E3C555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3C555; -webkit-box-shadow:4px 4px  
4px 4px #E3C555; box-shadow:4px 4px 4px  
4px #E3C555 }
```

Background

The CSS property to change the background color of an element to Hex E3C555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3C555 }
```

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

```
.background{ background-color:#E3C555 }
```

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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