

Converting Colors

Hex(E1CA44)

Have a look what the booklet for
Hex(E1CA44) contains.

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Color

Hex(E1CA44)

Conversions

Conversions Part 1

Format	Color
Hex	E1CA44
RGB	225, 202, 68
RGB Percent	88%, 79%, 27%
CMY	0.1176, 0.2078, 0.7333
CMYK	0.00, 0.10, 0.70, 0.12
HSL	51°, 72%, 57%
HSV	51°, 70%, 88%
XYZ	53.2153, 58.6660, 13.9878
YIQ	193.6010, 56.7220, -36.7980

Conversions

Conversions Part 2

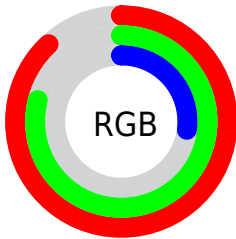
Format	Color
RYB	95, 225, 68
Decimal	14797380
CIELab	81.11, -6.47, 66.51
CIELCh	81, 66.825, 95.554
Yxy	58.6660, 0.4228, 0.4661
Android (android.graphics.Color)	4292987460 (0xFFE1CA44)
YUV	193.6010, -61.9213, 27.5369
Hunter-Lab	76.5937, -10.0220, 42.7879

Details

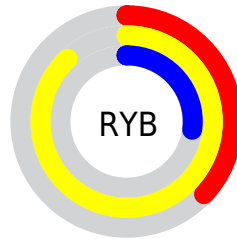
The Hex color **E1CA44** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **445BE1**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF7B**, and **A69400** is the 20% darker color. If you saturate the color by 10%, you get **E1C72D**, and if you desaturate by 10%, it is **E1CD5A**.

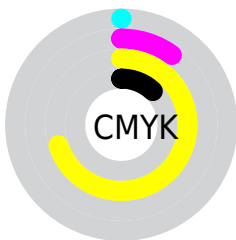
Distribution



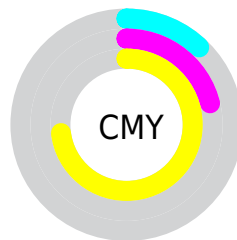
- Red (88%)
- Green (79%)
- Blue (27%)



- Red (37%)
- Yellow (88%)
- Blue (27%)



- Cyan (0%)
- Magenta (10%)
- Yellow (70%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1CA44 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 E1CA44 by changing the saturation by 10% instead.

 E1CA44

 E1CA44

FFFFFF

 C3AF26

 FFFF7B

 A69400

 FFFF97

 897B00

 FFFFB3


 6D6200

 FFFF00

 524B00

 FFFFED

 373400

 1F1F00

 000800

 000000

 E1CA44

 E1CA44

 E1C72D

 E1CD5A

 E1C317

 E1D171

 E1C000

 E1D488

 E1D79E

 E1DAB4

 E1DECB

 E1E1E1

 E1E4F8

 E1E8FF

Harmonies

Analogous

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



FFB356



E1CA44



A0DB5E

Triad

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



E1CA44



00E6FF



FF9CFE

Complementary

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



E1CA44



445BE1

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.



DCB4FF



E1CA44



00DEFF

Square

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



E1CA44



00E8D4



62CCFF



FF91C0

Rectangle

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



E1CA44



66E27F



62CCFF



FFA3FF

Sweetspot

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



E1CA44



FFF7C9



E1445C



807B60



000000



808080

Same Dimension

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



E1CA44



FFE029



AAE144



706F65



B09600



302900

Inverse Universe

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



445BE1



2948FF



7B44E1



656770



001AB0



000730

Previews

White Background



This preview shows how the Hex color E1CA44 looks on a white background.

Color Contrast Check

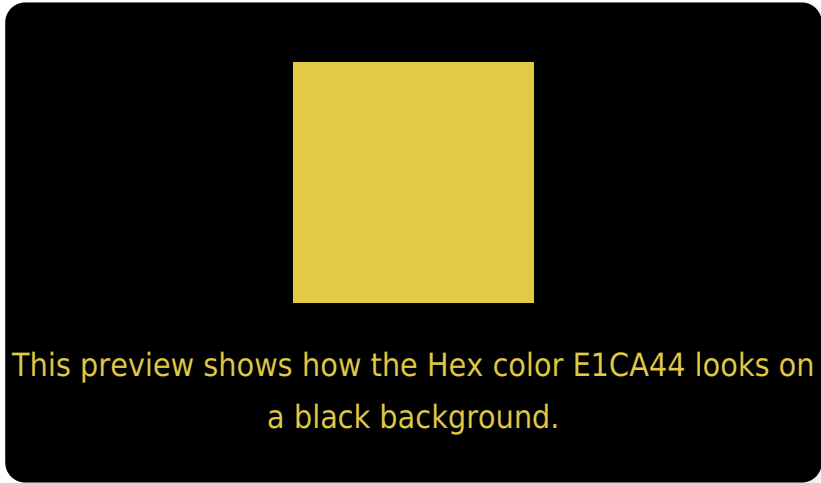
Large Text (above 18pt) WCAG AA × Fail

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 E1CA44 Background



This preview shows how black text looks on a background with the Hex color E1CA44.

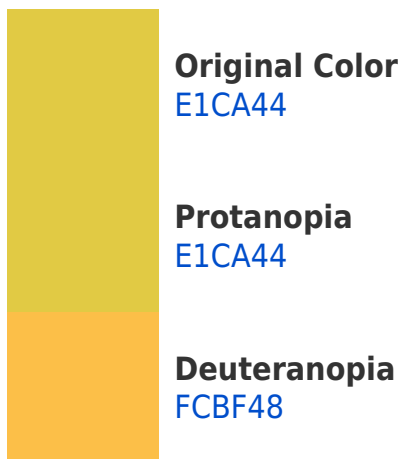


This preview shows how white text looks on a background with the Hex color E1CA44.

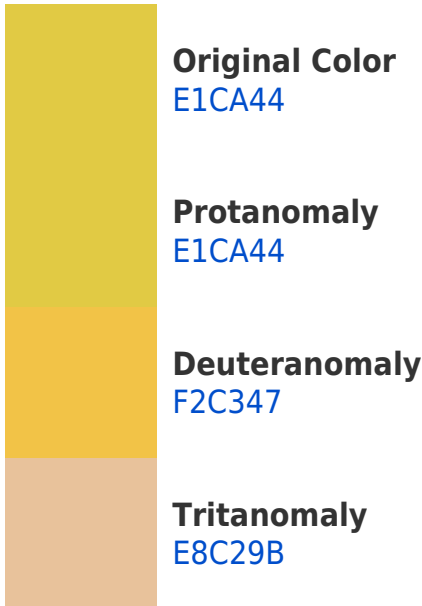
Color Blindness Simulation

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](#).

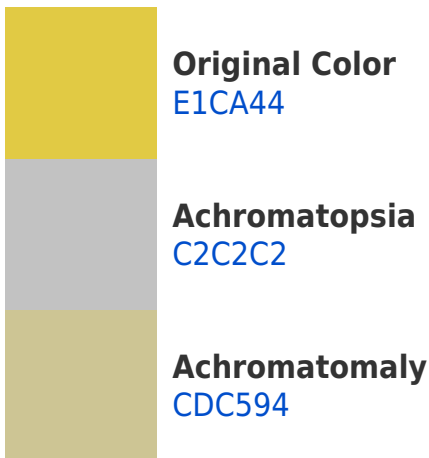
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1CA44 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 #E1CA44 looks like.

```
.text, #text, p{  
    color:#E1CA44  
}
```

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 #E1CA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1CA44
}
```

Border

The CSS property to change the border of an element to Hex E1CA44 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
#E1CA44 }
```

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

```
.border{ border-color:#E1CA44 }
```

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

Here you see how a box with a 4 pixel #E1CA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1CA44; -webkit-box-shadow:4px 4px  
4px 4px #E1CA44; box-shadow:4px 4px 4px  
4px #E1CA44 }
```

Background

The CSS property to change the background color of an element to Hex E1CA44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1CA44 }
```

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

```
.background{ background-color:#E1CA44 }
```

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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