

Converting Colors

Hex(E4D83A)

Have a look what the booklet for
Hex(E4D83A) contains.

Hex(E4D83A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E4D83A)

Conversions

Conversions Part 1

Format	Color
Hex	E4D83A
RGB	228, 216, 58
RGB Percent	89%, 85%, 23%
CMY	0.1059, 0.1529, 0.7725
CMYK	0.00, 0.05, 0.75, 0.11
HSL	56°, 76%, 56%
HSV	56°, 75%, 89%
XYZ	57.3145, 65.9112, 13.7043
YIQ	201.5760, 57.8700, -46.5940

Conversions

Conversions Part 2

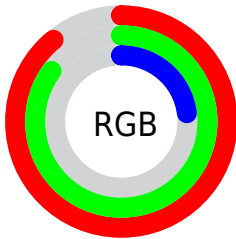
Format	Color
RYB	71, 228, 58
Decimal	14997562
CIELab	84.95, -12.71, 73.82
CIELCh	85, 74.911, 99.771
Yxy	65.9112, 0.4186, 0.4813
Android (android.graphics.Color)	4293187642 (0xFFE4D83A)
YUV	201.5760, -70.7830, 23.1738
Hunter-Lab	81.1857, -16.0598, 46.8217

Details

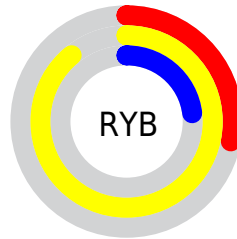
The Hex color **E4D83A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **3A46E4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF74**, and **A9A200** is the 20% darker color. If you saturate the color by 10%, you get **E4D623**, and if you desaturate by 10%, it is **E4DA51**.

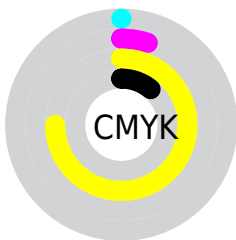
Distribution



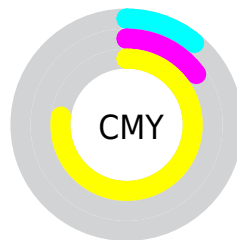
- Red (89%)
- Green (85%)
- Blue (23%)



- Red (28%)
- Yellow (89%)
- Blue (23%)



- Cyan (0%)
- Magenta (5%)
- Yellow (75%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4D83A 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 E4D83A by changing the saturation by 10% instead.

 E4D83A

 E4D83A

FFFFFF

 C6BC14

 FFFF74

 A9A200

 FFFF91

 8C8800

 FFFFAD

 706E00

 FFFFCA

 545600

 FFFFEE

 393F00

 202A00

 001600

 000000

 E4D83A

 E4D83A

 E4D623

 E4DA51

 E4D50C

 E4DB68

 E4D400

 E4DD7E

 E4DE95

 E4E0AC

 E4E2C3

 E4E3DA

 E4E5F0

 E4E6FF

Harmonies

Analogous

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



FFBF4A



E4D83A



97E960

Triad

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



E4D83A



00F4FF



FF9CFF

Complementary

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



E4D83A



3A46E4

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.



F6B7FF



E4D83A



00E9FF

Square

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



E4D83A



00F6EA



71D4FF



FF92C0

Rectangle

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



E4D83A



49F189



71D4FF



FFA4FF

Sweetspot

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



E4D83A



FFFBC7



E43A48



807D5E



000000



808080

Same Dimension

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



E4D83A



FFEF1C



9DE43A



737267



B3A600



332F00

Inverse Universe

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



3A46E4



1C2CFF



813AE4



676873



000DB3



000433

Previews

White Background



This preview shows how the Hex color E4D83A looks on a white background.

Color Contrast Check

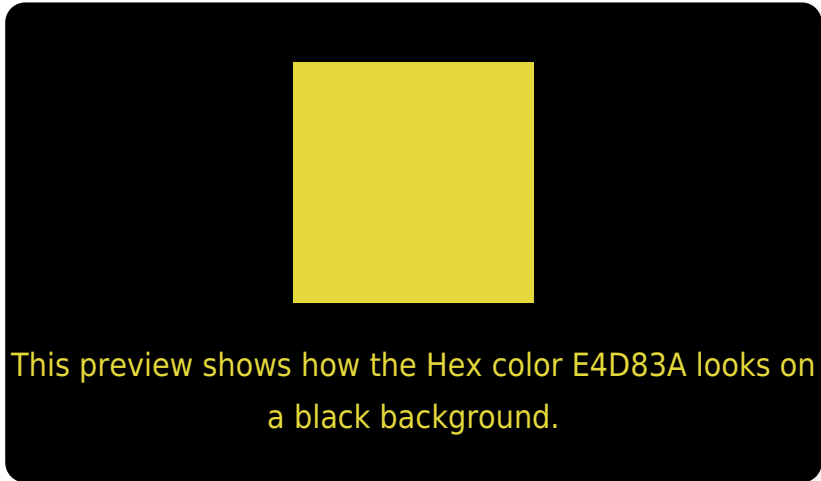
Large Text (above 18pt) WCAG AA × Fail

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 E4D83A Background



This preview shows how black text looks on a background with the Hex color E4D83A.

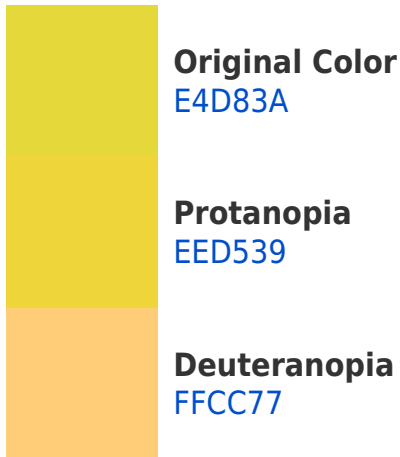


This preview shows how white text looks on a background with the Hex color E4D83A.

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](#).

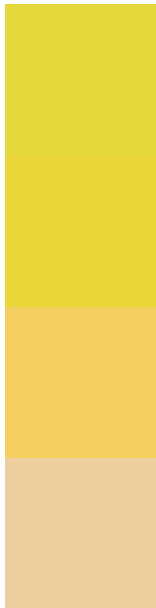
Dichromacy





Tritanopia
F1C9D9

Trichromacy



Original Color
E4D83A

Protanomaly
EAD639

Deuteranomaly
F5D061

Tritanomaly
ECCE9F

Monochromacy



Original Color
E4D83A

Achromatopsia
CACACA

Achromatomaly
D3CF96

CSS Examples

Text

The CSS property to change the color of the text to Hex E4D83A 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 #E4D83A looks like.

```
.text, #text, p{  
    color:#E4D83A  
}
```

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 #E4D83A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4D83A
}
```

Border

The CSS property to change the border of an element to Hex E4D83A 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
#E4D83A }
```

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

```
.border{ border-color:#E4D83A }
```

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

Here you see how a box with a 4 pixel #E4D83A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4D83A; -webkit-box-shadow:4px 4px  
4px 4px #E4D83A; box-shadow:4px 4px 4px  
4px #E4D83A }
```

Background

The CSS property to change the background color of an element to Hex E4D83A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4D83A }
```

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

```
.background{ background-color:#E4D83A }
```

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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