

Converting Colors

Hex(E4E16D)

Have a look what the booklet for
Hex(E4E16D) contains.

Hex(E4E16D)	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(E4E16D)

Conversions

Conversions Part 1

Format	Color
Hex	E4E16D
RGB	228, 225, 109
RGB Percent	89%, 88%, 43%
CMY	0.1059, 0.1176, 0.5725
CMYK	0.00, 0.01, 0.52, 0.11
HSL	58°, 69%, 66%
HSV	58°, 52%, 89%
XYZ	61.6804, 71.4485, 25.0080
YIQ	212.6730, 39.0240, -35.4400

Conversions

Conversions Part 2

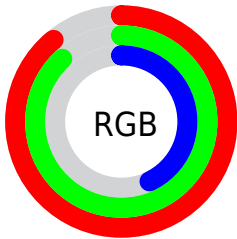
Format	Color
RYB	112, 228, 109
Decimal	14999917
CIELab	87.70, -14.11, 56.32
CIELCh	88, 58.056, 104.064
Yxy	71.4485, 0.3900, 0.4518
Android (android.graphics.Color)	4293189997 (0xFFE4E16D)
YUV	212.6730, -51.1108, 13.4418
Hunter-Lab	84.5272, -17.6693, 41.6277

Details

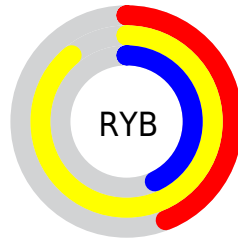
The Hex color **E4E16D** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6D70E4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFA3**, and **AAAA38** is the 20% darker color. If you saturate the color by 10%, you get **E4E056**, and if you desaturate by 10%, it is **E4E284**.

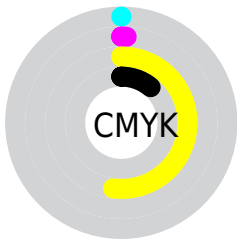
Distribution



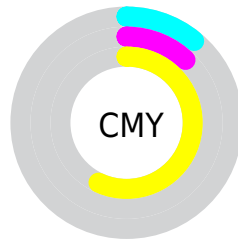
- Red (89%)
- Green (88%)
- Blue (43%)



- Red (44%)
- Yellow (89%)
- Blue (43%)



- Cyan (0%)
- Magenta (1%)
- Yellow (52%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4E16D 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 E4E16D by changing the saturation by 10% instead.

 E4E16D

 E4E16D

FFFFFF

 C7C552

 FFFFA3

 AAAA38

 FFFFBF

 8E901A

 FFFFDC

 737600

 FFFFF9

 585E00

 3E4600

 243000

 071C00

 000000

 E4E16D

 E4E16D

 E4E056

 E4E284

 E4E03F

 E4E29B

 E4DF29

 E4E3B1

 E4DF12

 E4E3C8

 E4DE00

 E4E4DF

 E4E4F6

 E4E5FF

 E4E6FF

Harmonies

Analogous

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



FFCE71



E4E16D



A6EF8A

Triad

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



E4E16D



00F5FF



FFB2FC

Complementary

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



E4E16D



6D70E4

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.



FFC3FF



E4E16D



00EAFF

Square

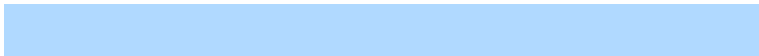
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E4E16D



00F8F5



B0D9FF



FFAFC4

Rectangle

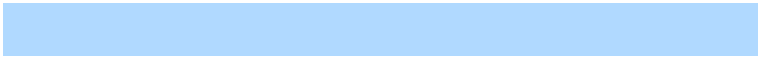
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E4E16D



73F4AA



B0D9FF



FFB7FF

Sweetspot

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



E4E16D



FFFED6



E46D71



807F67



000000



808080

Same Dimension

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



E4E16D



FFFB5E



ACE46D



737267



B3AE00



333200

Inverse Universe

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



6D70E4



5E62FF



A56DE4



676873



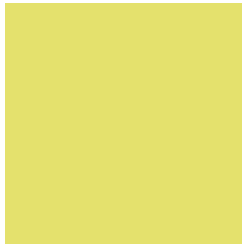
0004B3



000133

Previews

White Background



This preview shows how the Hex color E4E16D looks on a white background.

Color Contrast Check

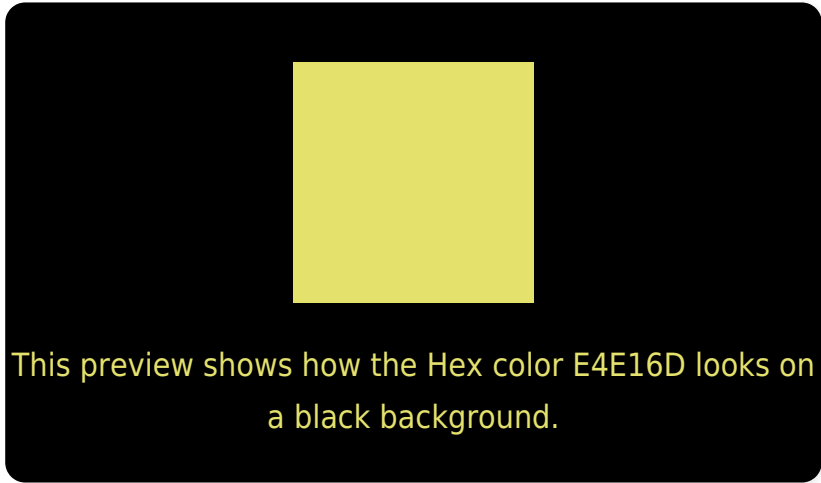
Large Text (above 18pt) WCAG AA × Fail

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 E4E16D Background



This preview shows how black text looks on a background with the Hex color E4E16D.

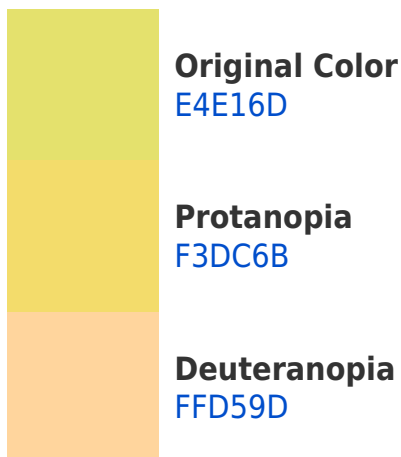


This preview shows how white text looks on a background with the Hex color E4E16D.

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](#).

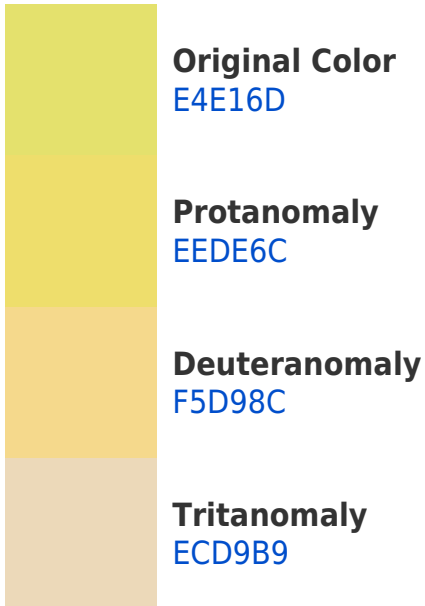
Dichromacy



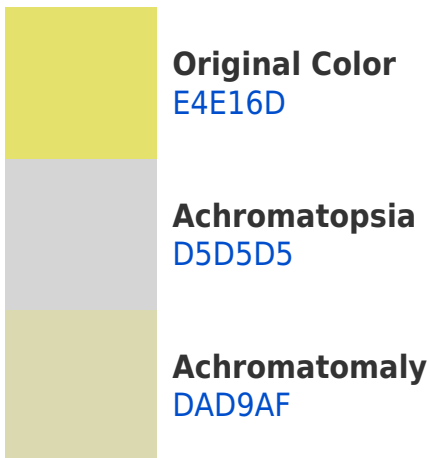


Tritanopia
F0D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E4E16D 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 #E4E16D looks like.

```
.text, #text, p{  
    color:#E4E16D  
}
```

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 #E4E16D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4E16D }
}
```

Border

The CSS property to change the border of an element to Hex E4E16D 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 #E4E16D }
}
```

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

```
.border{ border-color:#E4E16D }
```

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

Here you see how a box with a 4 pixel #E4E16D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4E16D; -webkit-box-shadow:4px 4px  
4px 4px #E4E16D; box-shadow:4px 4px 4px  
4px #E4E16D }
```

Background

The CSS property to change the background color of an element to Hex E4E16D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4E16D }
```

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

```
.background{ background-color:#E4E16D }
```

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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