

Converting Colors

Hex(E6E5A1)

Have a look what the booklet for
Hex(E6E5A1) contains.

Hex(E6E5A1)	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(E6E5A1)

Conversions

Conversions Part 1

Format	Color
Hex	E6E5A1
RGB	230, 229, 161
RGB Percent	90%, 90%, 63%
CMY	0.0980, 0.1020, 0.3686
CMYK	0.00, 0.00, 0.30, 0.10
HSL	59°, 58%, 77%
HSV	59°, 30%, 90%
XYZ	67.0855, 75.4348, 44.7428
YIQ	221.5470, 22.4240, -20.9360

Conversions

Conversions Part 2

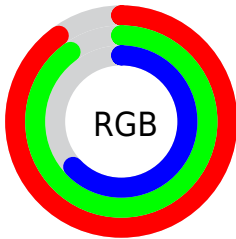
Format	Color
RYB	162, 230, 161
Decimal	15132065
CIELab	89.60, -9.98, 33.37
CIELCh	90, 34.832, 106.648
Yxy	75.4348, 0.3582, 0.4028
Android (android.graphics.Color)	4293322145 (0xFFE6E5A1)
YUV	221.5470, -29.8497, 7.4133
Hunter-Lab	86.8532, -14.1197, 30.2538

Details

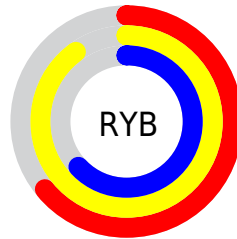
The Hex color **E6E5A1** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A1A2E6**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFD8**, and **AEAE6D** is the 20% darker color. If you saturate the color by 10%, you get **E6E58A**, and if you desaturate by 10%, it is **E6E5B8**.

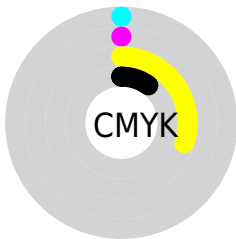
Distribution



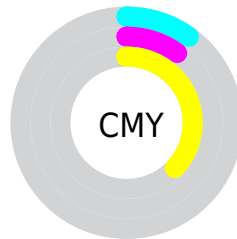
- Red (90%)
- Green (90%)
- Blue (63%)



- Red (64%)
- Yellow (90%)
- Blue (63%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6E5A1 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 E6E5A1 by changing the saturation by 10% instead.

 E6E5A1

 E6E5A1

FFFFFF

 C9C986

 FFFFD8

 AEAE6D

 FFFFF5

 929354

 78793C

 5E6124

 45490C

 2F3200

 171E00

 000000

 E6E5A1

 E6E5A1

 E6E58A

 E6E5B8

 E6E473

 E6E6CF

 E6E45C

 E6E6E6

 E6E445

 E6E6FD

 E6E32E

 E6E7FF

 E6E317

 E6E8FF

 E6E300

Harmonies

Analogous

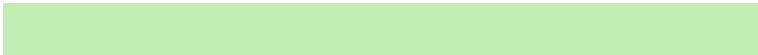
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDAA1



E6E5A1



C0EEB3

Triad

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



E6E5A1



7FF0FF



FFCAF2

Complementary

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



E6E5A1



A1A2E6

Split Complementary

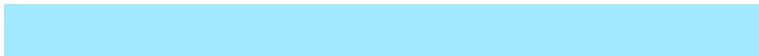
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FDD2FF



E6E5A1



A2E9FF

Square

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



E6E5A1



7EF4F3



D2DEFF



FFC9D0

Rectangle

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



E6E5A1



A7F1C6



D2DEFF



FFCCFC

Sweetspot

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



E6E5A1



FFFFE8



E6A1A2



807F71



000000



808080

Same Dimension

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



E6E5A1



FFFEA3



C5E6A1



737367



B3B000



333200

Inverse Universe

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



A1A2E6



A3A5FF



C2A1E6



676773



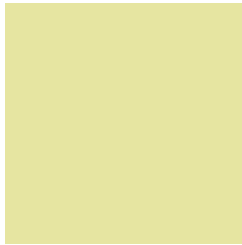
0003B3



000133

Previews

White Background



This preview shows how the Hex color E6E5A1 looks on a white background.

Color Contrast Check

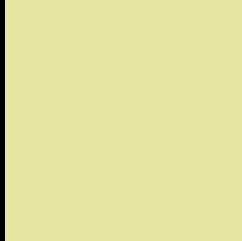
Large Text (above 18pt) WCAG AA × Fail

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 E6E5A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

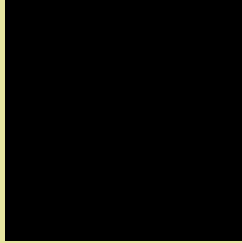
Any Text WCAG AA ✓ Pass

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 E6E5A1 Background



This preview shows how black text looks on a background with the Hex color E6E5A1.

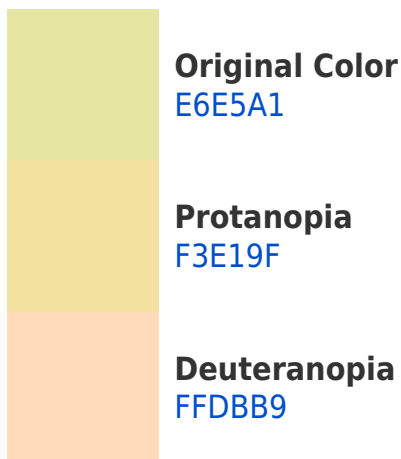


This preview shows how white text looks on a background with the Hex color E6E5A1.

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](#).

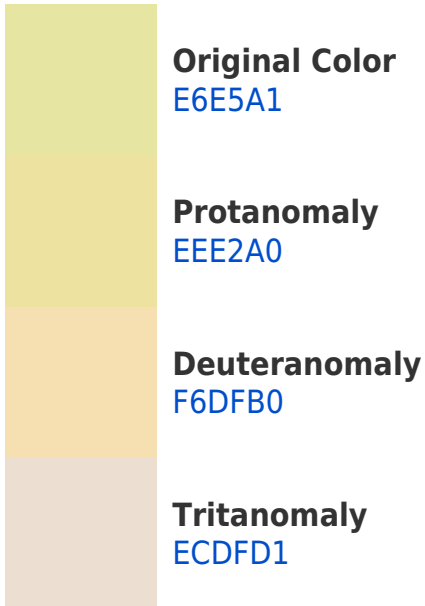
Dichromacy



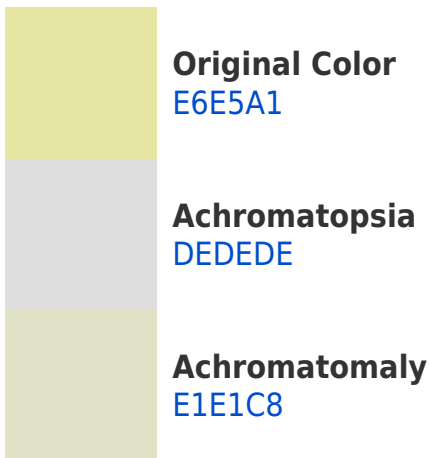


Tritanopia
EFDBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6E5A1 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 #E6E5A1 looks like.

```
.text, #text, p{  
    color:#E6E5A1  
}
```

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 #E6E5A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6E5A1
}
```

Border

The CSS property to change the border of an element to Hex E6E5A1 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
#E6E5A1 }
```

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

```
.border{ border-color:#E6E5A1 }
```

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

Here you see how a box with a 4 pixel #E6E5A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6E5A1; -webkit-box-shadow:4px 4px  
4px 4px #E6E5A1; box-shadow:4px 4px 4px  
4px #E6E5A1 }
```

Background

The CSS property to change the background color of an element to Hex E6E5A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6E5A1 }
```

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

```
.background{ background-color:#E6E5A1 }
```

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