

Converting Colors

Hex(E7D167)

Have a look what the booklet for
Hex(E7D167) contains.

Hex(E7D167)	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(E7D167)

Conversions

Conversions Part 1

Format	Color
Hex	E7D167
RGB	231, 209, 103
RGB Percent	91%, 82%, 40%
CMY	0.0941, 0.1804, 0.5961
CMYK	0.00, 0.10, 0.55, 0.09
HSL	50°, 73%, 65%
HSV	50°, 55%, 91%
XYZ	58.2036, 63.5691, 22.0344
YIQ	203.4940, 47.1380, -28.3020

Conversions

Conversions Part 2

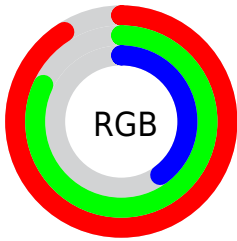
Format	Color
RYB	130, 231, 103
Decimal	15192423
CIELab	83.74, -5.32, 54.55
CIELCh	84, 54.806, 95.574
Yxy	63.5691, 0.4047, 0.4420
Android (android.graphics.Color)	4293382503 (0xFFE7D167)
YUV	203.4940, -49.5435, 24.1228
Hunter-Lab	79.7302, -9.2217, 39.4257

Details

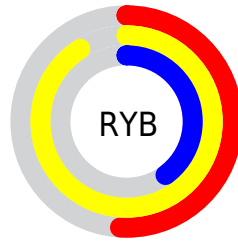
The Hex color **E7D167** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **677DE7**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF9D**, and **AD9B32** is the 20% darker color. If you saturate the color by 10%, you get **E7CD50**, and if you desaturate by 10%, it is **E7D57E**.

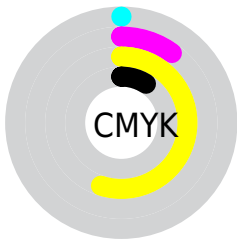
Distribution



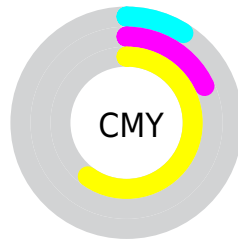
- Red (91%)
- Green (82%)
- Blue (40%)



- Red (51%)
- Yellow (91%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (55%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7D167 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 E7D167 by changing the saturation by 10% instead.

 E7D167

 E7D167

FFFFFF

 CAB64D

 FFFF9D

 AD9B32

 FFFFB9

 918115

 FFFF5D

 756800

 FFFFF2

 5A5000

 403A00

 262400

 071000

 000000

 E7D167

 E7D167

 E7CD50

 E7D57E

 E7C939

 E7D995

 E7C522

 E7DDAC

 E7C10B

 E7E1C3

 E7BF00

 E7E5DB

 E7E9F2

 E7EDFF

 E7F1FF

 E7F5FF

Harmonies

Analogous

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



FFBF73



E7D167



B0DF7A

Triad

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



E7D167



00E9FF



FFADFC

Complementary

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



E7D167



677DE7

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.



E2C0FF



E7D167



00E1FF

Square

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



E7D167



00EBD9



8DD3FF



FFA6C9

Rectangle

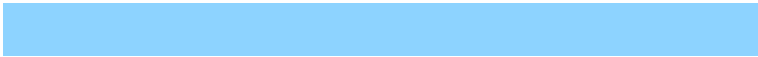
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7D167



85E694



8DD3FF



FFB3FF

Sweetspot

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



E7D167



FFF8D4



E7677E



807B66



000000



808080

Same Dimension

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



E7D167



FFE257



BEE767



737167



B39400



332A00

Inverse Universe

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



677DE7



5774FF



9067E7



676973



001FB3



000933

Previews

White Background



This preview shows how the Hex color E7D167 looks on a white background.

Color Contrast Check

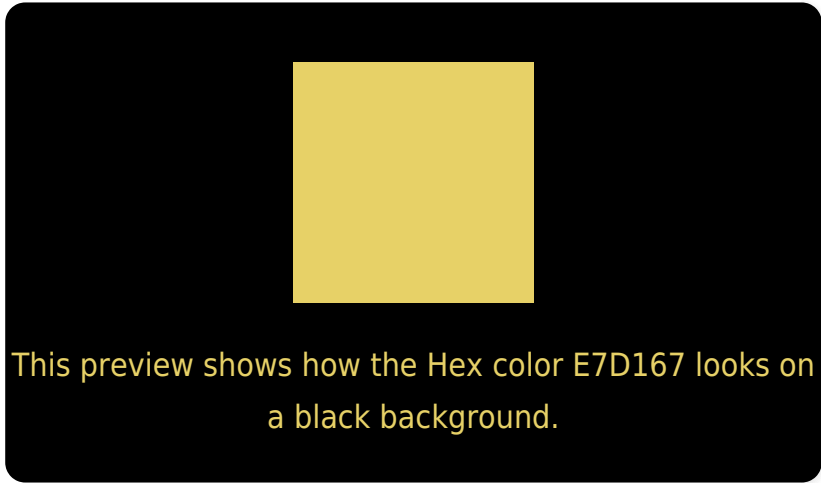
Large Text (above 18pt) WCAG AA × Fail

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 E7D167 Background



This preview shows how black text looks on a background with the Hex color E7D167.

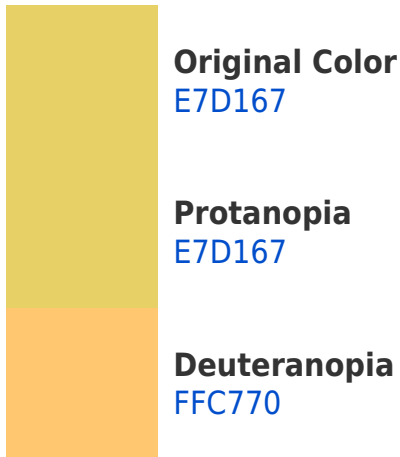


This preview shows how white text looks on a background with the Hex color E7D167.

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](#).

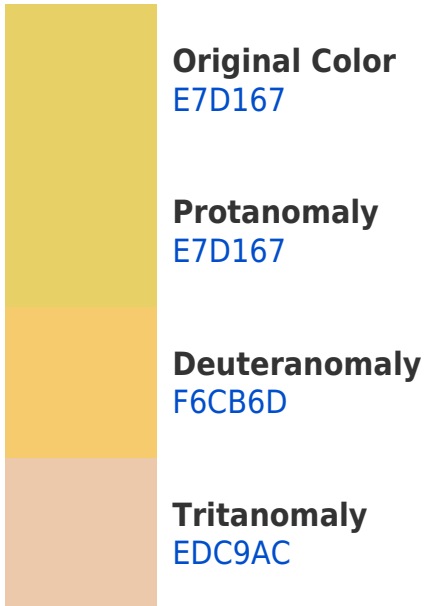
Dichromacy



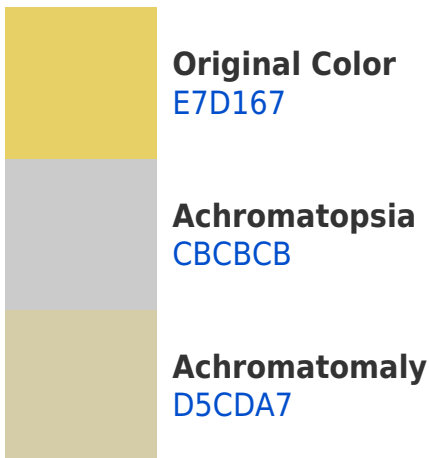


Tritanopia
F1C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7D167 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 #E7D167 looks like.

```
.text, #text, p{  
    color:#E7D167  
}
```

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 #E7D167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7D167
}
```

Border

The CSS property to change the border of an element to Hex E7D167 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
#E7D167 }
```

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

```
.border{ border-color:#E7D167 }
```

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

Here you see how a box with a 4 pixel #E7D167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7D167; -webkit-box-shadow:4px 4px  
4px 4px #E7D167; box-shadow:4px 4px 4px  
4px #E7D167 }
```

Background

The CSS property to change the background color of an element to Hex E7D167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7D167 }
```

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

```
.background{ background-color:#E7D167 }
```

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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