

Converting Colors

Hex(E9D471)

Have a look what the booklet for
Hex(E9D471) contains.

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Color

Hex(E9D471)

Conversions

Conversions Part 1

Format	Color
Hex	E9D471
RGB	233, 212, 113
RGB Percent	91%, 83%, 44%
CMY	0.0863, 0.1686, 0.5569
CMYK	0.00, 0.09, 0.52, 0.09
HSL	50°, 73%, 68%
HSV	50°, 52%, 91%
XYZ	60.1284, 65.6029, 25.1163
YIQ	206.9930, 44.2950, -26.3370

Conversions

Conversions Part 2

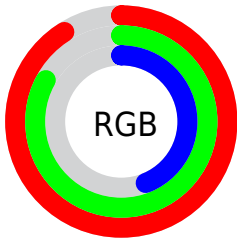
Format	Color
RYB	138, 233, 113
Decimal	15324273
CIELab	84.79, -5.23, 51.12
CIElCh	85, 51.391, 95.842
Yxy	65.6029, 0.3986, 0.4349
Android (android.graphics.Color)	4293514353 (0xFFE9D471)
YUV	206.9930, -46.3385, 22.8081
Hunter-Lab	80.9956, -9.2299, 38.3114

Details

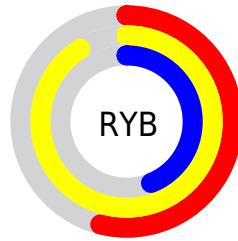
The Hex color **E9D471** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7186E9**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFA7**, and **AF9E3D** is the 20% darker color. If you saturate the color by 10%, you get **E9D05A**, and if you desaturate by 10%, it is **E9D888**.

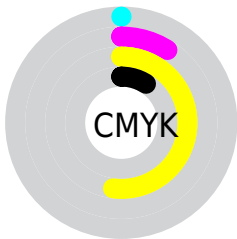
Distribution



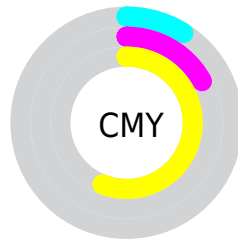
- Red (91%)
- Green (83%)
- Blue (44%)



- Red (54%)
- Yellow (91%)
- Blue (44%)



- Cyan (0%)
- Magenta (9%)
- Yellow (52%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9D471 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 E9D471 by changing the saturation by 10% instead.

 E9D471

 E9D471

FFFFFF

 CCB857

 FFFFA7

 AF9E3D

 FFFFC3

 938423

 FFFFDF

 776B00

 FFFFFC

 5D5300

 433C00

 292600

 0D1300

 000000

 E9D471

 E9D471

 E9D05A

 E9D888

 E9CC42

 E9DCA0

 E9C82B

 E9E0B7

 E9C414

 E9E4CE

 E9C000

 E9E8E6

 E9ECFD

 E9F1FF

 E9F5FF

 E9F9FF

Harmonies

Analogous

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



FFC37C



E9D471



B5E183

Triad

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



E9D471



00EBFF



FFB3FC

Complementary

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



E9D471



7186E9

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.



E5C3FF



E9D471



0BE3FF

Square

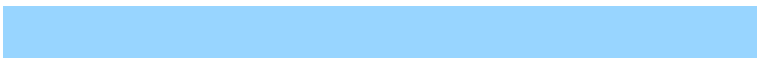
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E9D471



00EDDC



98D5FF



FFACCC

Rectangle

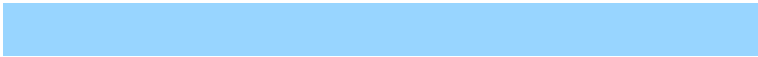
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9D471



8EE89B



98D5FF



FFB8FF

Sweetspot

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



E9D471



FFF8D9



E97187



807B69



000000



808080

Same Dimension

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



E9D471



FFE361



C3E971



75736A



B59500



362C00

Inverse Universe

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



7186E9



617DFF



9771E9



6A6C75



0020B5



000936

Previews

White Background



This preview shows how the Hex color E9D471 looks on a white background.

Color Contrast Check

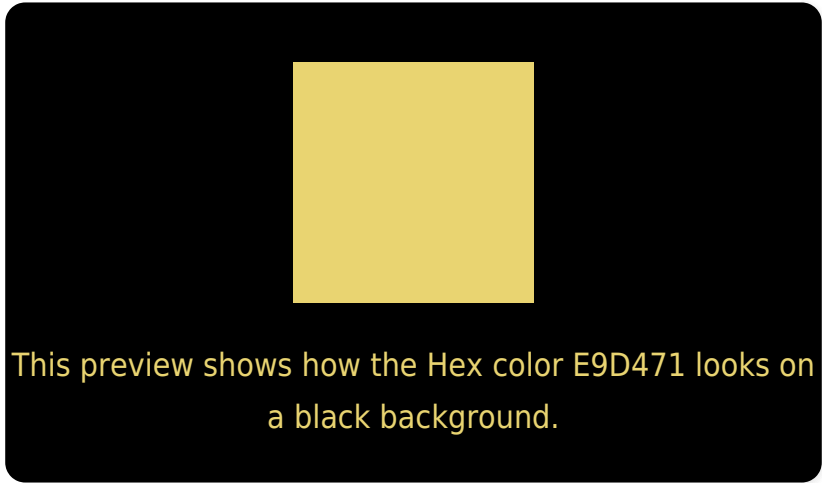
Large Text (above 18pt) WCAG AA × Fail

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 E9D471 Background



This preview shows how black text looks on a background with the Hex color E9D471.

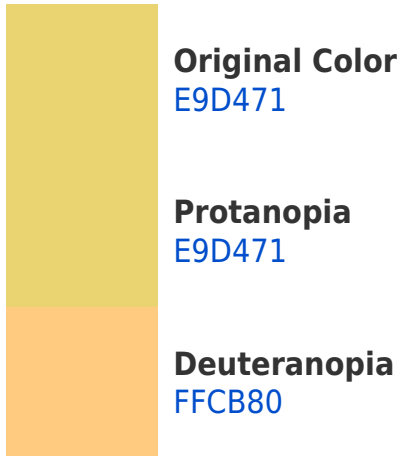


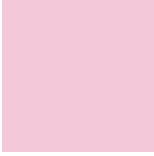
This preview shows how white text looks on a background with the Hex color E9D471.

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](#).

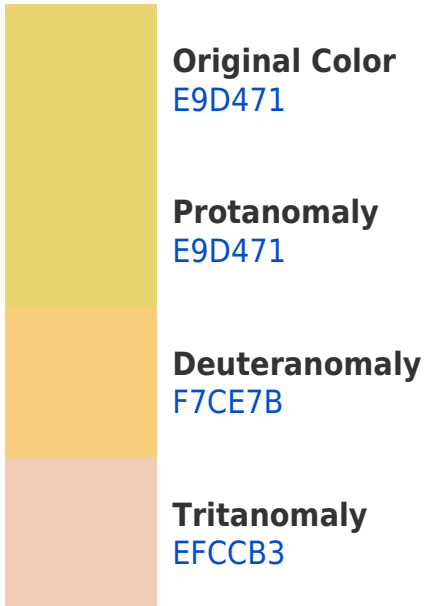
Dichromacy



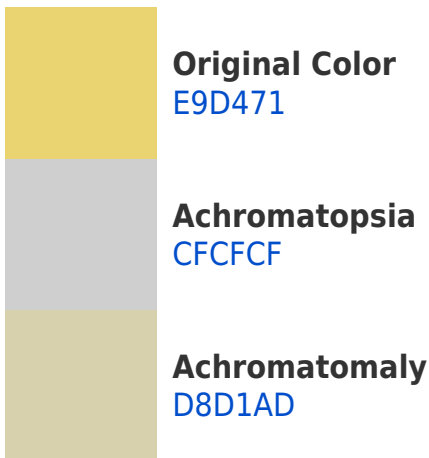


Tritanopia
F3C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9D471 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 #E9D471 looks like.

```
.text, #text, p{  
    color:#E9D471  
}
```

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 #E9D471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9D471
}
```

Border

The CSS property to change the border of an element to Hex E9D471 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
#E9D471 }
```

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

```
.border{ border-color:#E9D471 }
```

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

Here you see how a box with a 4 pixel #E9D471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9D471; -webkit-box-shadow:4px 4px  
4px 4px #E9D471; box-shadow:4px 4px 4px  
4px #E9D471 }
```

Background

The CSS property to change the background color of an element to Hex E9D471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9D471 }
```

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

```
.background{ background-color:#E9D471 }
```

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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