

# Converting Colors

Hex(E1D972)

Have a look what the booklet for  
Hex(E1D972) contains.

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**Color**

**Hex(E1D972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1D972
RGB	225, 217, 114
RGB Percent	88%, 85%, 45%
CMY	0.1176, 0.1490, 0.5529
CMYK	0.00, 0.04, 0.49, 0.12
HSL	56°, 65%, 66%
HSV	56°, 49%, 88%
XYZ	58.9015, 66.8482, 25.7181
YIQ	207.6500, 37.8310, -30.3370

# Conversions

## Conversions Part 2

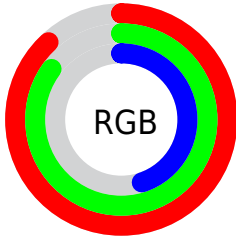
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 225, 114
Decimal	14801266
CIELab	85.43, -10.90, 51.24
CIELCh	85, 52.392, 102.010
Yxy	66.8482, 0.3889, 0.4413
Android (android.graphics.Color)	4292991346 (0xFFE1D972)
YUV	207.6500, -46.1695, 15.2159
Hunter-Lab	81.7607, -14.4876, 38.5826

# Details

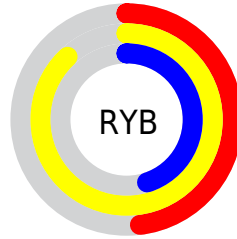
The Hex color **E1D972** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **727AE1**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFA8**, and **A8A23E** is the 20% darker color. If you saturate the color by 10%, you get **E1D75C**, and if you desaturate by 10%, it is **E1DB89**.

# Distribution



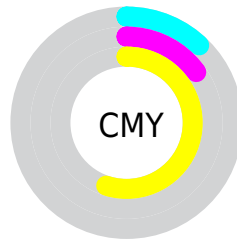
- Red (88%)
- Green (85%)
- Blue (45%)



- Red (48%)
- Yellow (88%)
- Blue (45%)



- Cyan (0%)
- Magenta (4%)
- Yellow (49%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1D972 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 E1D972 by changing the saturation by 10% instead.



 E1D972

 E1D972

FFFFFF

 C4BD58

 FFFFA8

 A8A23E

 FFFFC4

 8C8823

 FFFFEO

 716F00

FFFFFFE

 565700

 3D4000

 232A00

 021700

 000000

 E1D972

 E1D972

 E1D75C

 E1DB89

 E1D645

 E1DC9F

 E1D42F

 E1DEB6

 E1D318

 E1DFCC

 E1D102

 E1E1E3

 E1D100

 E1E3F9

 E1E4FF

 E1E6FF

 E1E8FF

# Harmonies

## Analogous

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



FFC877



E1D972



AAE68A

# Triad

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



E1D972



00ECFF



FFB1F5

# Complementary

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



E1D972



727AE1

# 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.



F4C1FF



E1D972



39E3FF

# Square

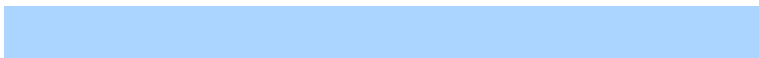
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E1D972



00EFE8



ABD4FF



FFADC3

# Rectangle

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



E1D972



80EBA5



ABD4FF



FFB6FF



# Sweetspot

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



E1D972



FFCD9



E1727B



807E69



000000



808080



# Same Dimension

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



E1D972



FFF469



B3E172



706F65



B0A300



302D00



# Inverse Universe

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



727AE1



6973FF



A072E1



656670



000DB0

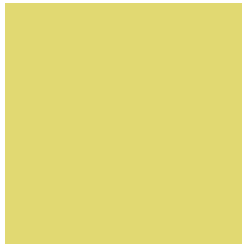


000330



# Previews

## White Background



This preview shows how the Hex color E1D972 looks on a white background.

## Color Contrast Check

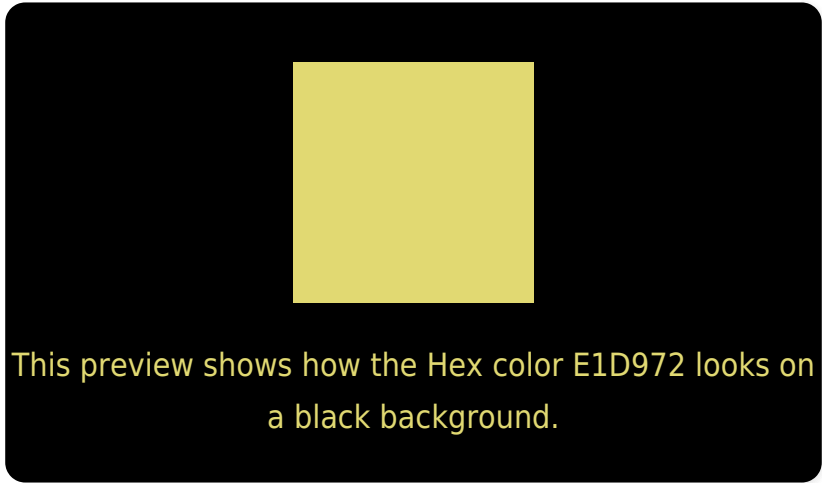
Large Text (above 18pt) WCAG AA × Fail

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

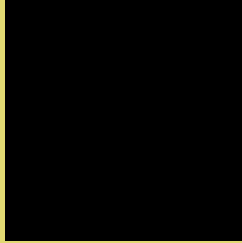
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E1D972 Background



This preview shows how black text looks on a background with the Hex color E1D972.

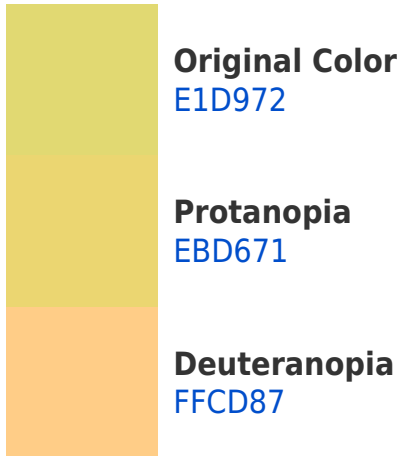


This preview shows how white text looks on a background with the Hex color E1D972.

# Color Blindness Simulation

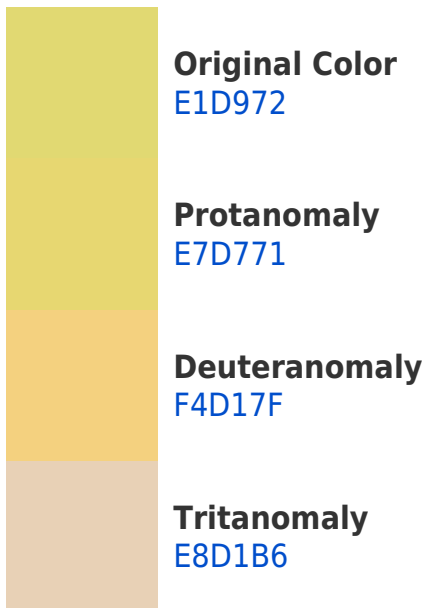
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1D972 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 #E1D972 looks like.

```
.text, #text, p{  
    color:#E1D972  
}
```

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 #E1D972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1D972
}
```

## Border

The CSS property to change the border of an element to Hex E1D972 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
#E1D972 }
```

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

```
.border{ border-color:#E1D972 }
```

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

Here you see how a box with a 4 pixel #E1D972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1D972; -webkit-box-shadow:4px 4px  
4px 4px #E1D972; box-shadow:4px 4px 4px  
4px #E1D972 }
```

# Background

The CSS property to change the background color of an element to Hex E1D972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1D972 }
```

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

```
.background{ background-color:#E1D972 }
```

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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