

Converting Colors

Hex(E0CA72)

Have a look what the booklet for
Hex(E0CA72) contains.

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Color

Hex(E0CA72)

Conversions

Conversions Part 1

Format	Color
Hex	E0CA72
RGB	224, 202, 114
RGB Percent	88%, 79%, 45%
CMY	0.1216, 0.2078, 0.5529
CMYK	0.00, 0.10, 0.49, 0.12
HSL	48°, 64%, 66%
HSV	48°, 49%, 88%
XYZ	54.8983, 59.3033, 24.4728
YIQ	198.5460, 41.3600, -22.7040

Conversions

Conversions Part 2

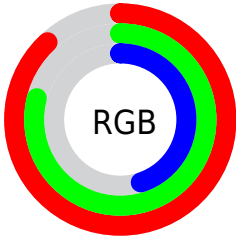
Format	Color
RYB	142, 224, 114
Decimal	14731890
CIELab	81.46, -3.68, 46.43
CIELCh	81, 46.575, 94.530
Yxy	59.3033, 0.3959, 0.4276
Android (android.graphics.Color)	4292921970 (0xFFE0CA72)
YUV	198.5460, -41.6812, 22.3232
Hunter-Lab	77.0086, -7.5151, 35.0641

Details

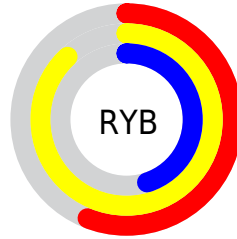
The Hex color **E0CA72** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7288E0**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFA8**, and **A7943F** is the 20% darker color. If you saturate the color by 10%, you get **E0C65C**, and if you desaturate by 10%, it is **E0CE88**.

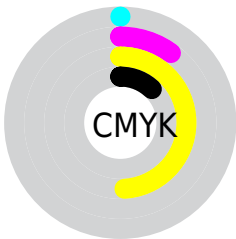
Distribution



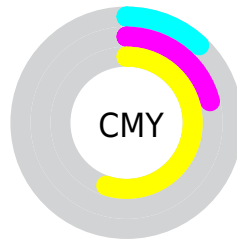
- Red (88%)
- Green (79%)
- Blue (45%)



- Red (56%)
- Yellow (88%)
- Blue (45%)



- Cyan (0%)
- Magenta (10%)
- Yellow (49%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0CA72 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 E0CA72 by changing the saturation by 10% instead.

 E0CA72

 E0CA72

FFFFFF

 C3AF58

 FFFFA8

 A7943F

 FFFFC3

 8B7B26

 FFFFEO

 706208

FFFFFFD

 554A00

 3C3400

 231F00

 000800

 000000

 E0CA72

 E0CA72

 E0C65C

 E0CE88

 E0C145

 E0D39F

 E0BD2F

 E0D7B5

 E0B818

 E0DCCC

 E0B402

 E0E0E2

 E0B300

 E0E5F8

 E0E9FF

 E0EEFF

 E0F2FF

Harmonies

Analogous

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



FFBB7C



E0CA72



B2D681

Triad

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



E0CA72



00E0FA



FFAEF1

Complementary

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



E0CA72



7288E0

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.



D8BDFE



E0CA72



36D9FF

Square

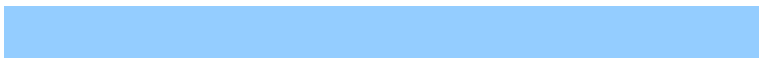
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0CA72



31E1D0



94CDFE



FFA8C5

Rectangle

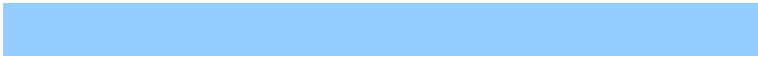
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0CA72



8FDC96



94CDFF



FAB2FE

Sweetspot

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



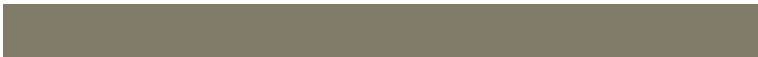
E0CA72



FFF7D9



E07288



807B69



000000



808080

Same Dimension

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



E0CA72



FFE169



BFE072



706E65



B08D00



302700

Inverse Universe

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



7288E0



6987FF



9372E0



656770



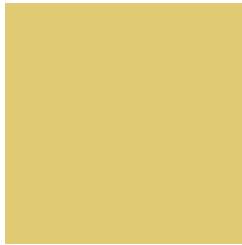
0023B0



000A30

Previews

White Background



This preview shows how the Hex color E0CA72 looks on a white background.

Color Contrast Check

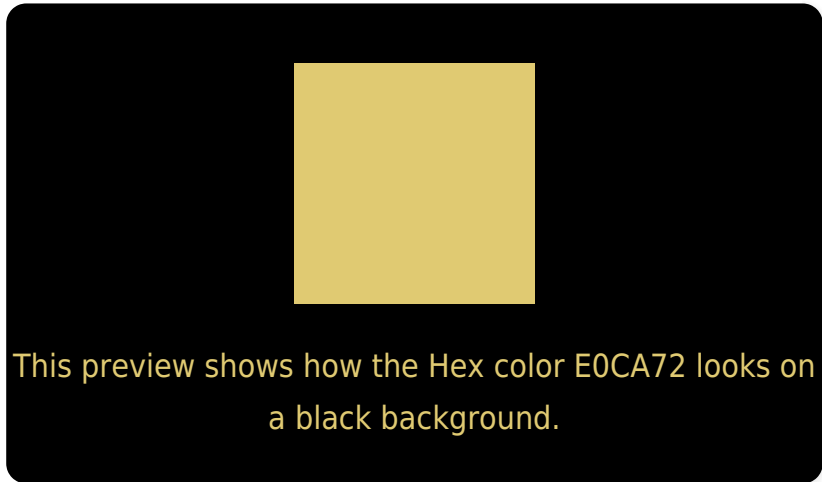
Large Text (above 18pt) WCAG AA × Fail

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 E0CA72 Background



This preview shows how black text looks on a background with the Hex color E0CA72.



This preview shows how white text looks on a background with the Hex color E0CA72.

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



Original Color
E0CA72

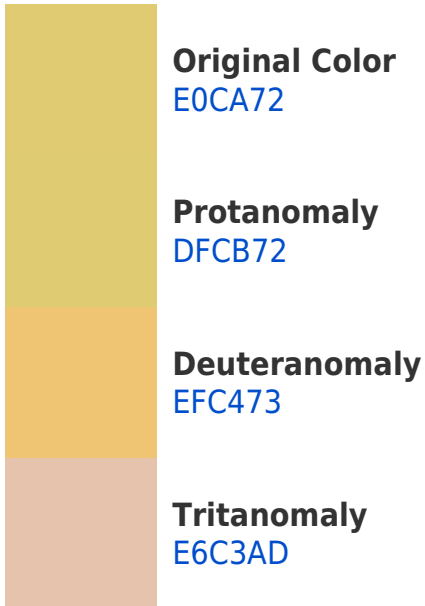
Protanopia
DECB72

Deuteranopia
F7C174

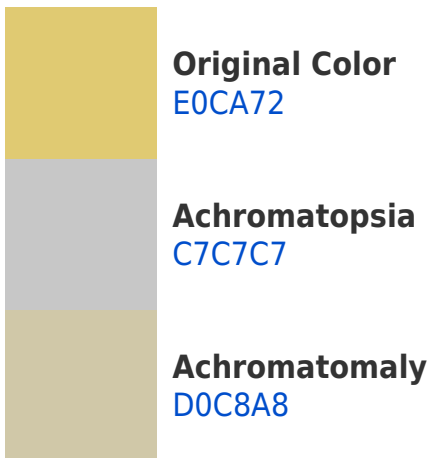


Tritanopia
E9BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0CA72 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 #E0CA72 looks like.

```
.text, #text, p{  
    color:#E0CA72  
}
```

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 #E0CA72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0CA72
}
```

Border

The CSS property to change the border of an element to Hex E0CA72 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
#E0CA72 }
```

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

```
.border{ border-color:#E0CA72 }
```

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

Here you see how a box with a 4 pixel #E0CA72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0CA72; -webkit-box-shadow:4px 4px  
4px 4px #E0CA72; box-shadow:4px 4px 4px  
4px #E0CA72 }
```

Background

The CSS property to change the background color of an element to Hex E0CA72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0CA72 }
```

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

```
.background{ background-color:#E0CA72 }
```

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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