

# Converting Colors

Hex(E0CD64)

Have a look what the booklet for  
Hex(E0CD64) contains.

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# **Color**

**Hex(E0CD64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0CD64
RGB	224, 205, 100
RGB Percent	88%, 80%, 39%
CMY	0.1216, 0.1961, 0.6078
CMYK	0.00, 0.08, 0.55, 0.12
HSL	51°, 67%, 64%
HSV	51°, 55%, 88%
XYZ	54.8720, 60.4300, 20.8287
YIQ	198.7110, 45.0290, -28.6270

# Conversions

## Conversions Part 2

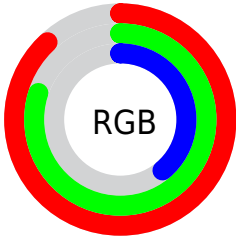
Format	Color
<a href="#">RYB</a>	<a href="#">122, 224, 100</a>
Decimal	<a href="#">14732644</a>
CIELab	<a href="#">82.07, -6.39, 53.85</a>
CIELCh	<a href="#">82, 54.228, 96.766</a>
Yxy	<a href="#">60.4300, 0.4031, 0.4439</a>
Android (android.graphics.Color)	<a href="#">4292922724 (0xFFE0CD64)</a>
YUV	<a href="#">198.7110, -48.6645, 22.1785</a>
Hunter-Lab	<a href="#">77.7368, -10.0415, 38.5296</a>

# Details

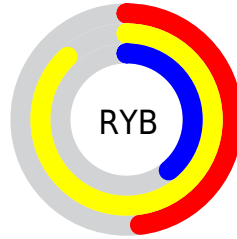
The Hex color **E0CD64** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6477E0**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF9A**, and **A6972F** is the 20% darker color. If you saturate the color by 10%, you get **E0CA4E**, and if you desaturate by 10%, it is **E0D07A**.

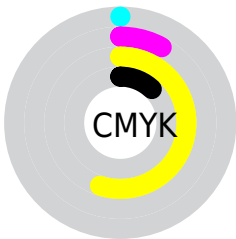
# Distribution



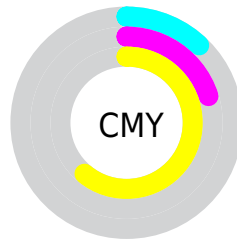
- Red (88%)
- Green (80%)
- Blue (39%)



- Red (48%)
- Yellow (88%)
- Blue (39%)



- Cyan (0%)
- Magenta (8%)
- Yellow (55%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0CD64 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 E0CD64 by changing the saturation by 10% instead.



 E0CD64

 E0CD64

FFFFFF

 C3B24A

 FFFF9A

 A6972F

 FFFFB5

 8A7D11

 FFFF D2

 6F6500

 FFFFEE

 544D00

 3A3600

 212100

 000C00

 000000

 E0CD64

 E0CD64

 E0CA4E

 E0D07A

 E0C637

 E0D491

 E0C321

 E0D7A7

 E0BF0A

 E0DBBE

 E0BE00

 E0DED4

 E0E2EA

 E0E5FF

 E0E8FF

 E0ECFF

# Harmonies

## Analogous

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



FFBB6F



E0CD64



AADB78

# Triad

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



E0CD64



00E4FF



FFA9F5

# Complementary

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



E0CD64



6477E0

# 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.



E0BAFF



E0CD64



00DCFF

# Square

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



E0CD64



00E6D6



8DCEFF



FFA2C2

# Rectangle

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



E0CD64



7FE192



8DCEFF



FFAEFF



# Sweetspot

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



E0CD64



FFF8D4



E06479



807C66



000000



808080



# Same Dimension

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



E0CD64



FFE557



B7E064



706E65



B09500



302900



# Inverse Universe

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



6477E0



5770FF



8D64E0



656770



001BB0

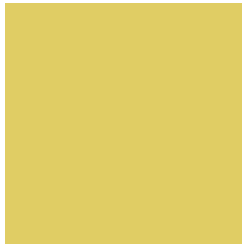


000730



# Previews

## White Background



This preview shows how the Hex color E0CD64 looks on a white background.

## Color Contrast Check

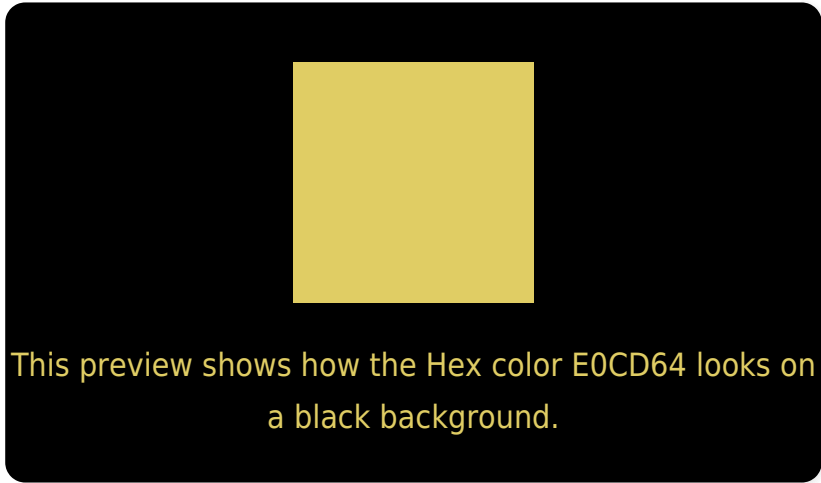
Large Text (above 18pt) WCAG AA × Fail

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 E0CD64 Background



This preview shows how black text looks on a background with the Hex color E0CD64.

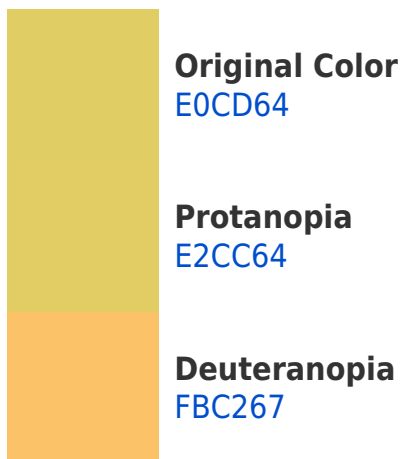


This preview shows how white text looks on a background with the Hex color E0CD64.

# Color Blindness Simulation

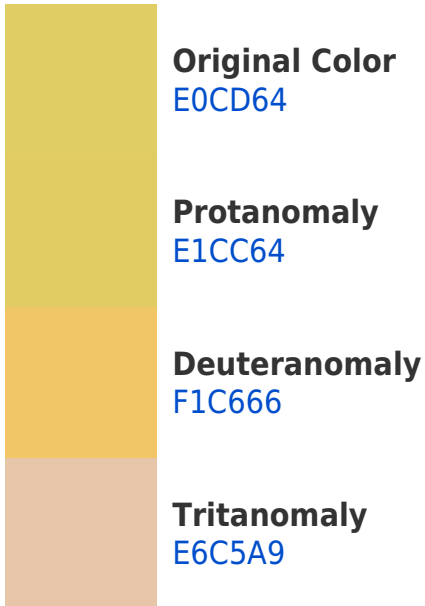
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

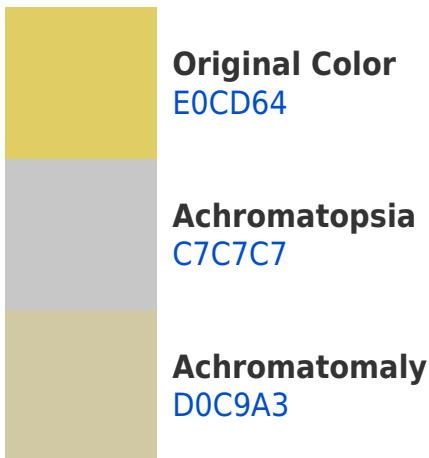




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0CD64 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 #E0CD64 looks like.

```
.text, #text, p{  
    color:#E0CD64  
}
```

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 #E0CD64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0CD64
}
```

## Border

The CSS property to change the border of an element to Hex E0CD64 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
#E0CD64 }
```

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

```
.border{ border-color:#E0CD64 }
```

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

Here you see how a box with a 4 pixel #E0CD64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0CD64; -webkit-box-shadow:4px 4px  
4px 4px #E0CD64; box-shadow:4px 4px 4px  
4px #E0CD64 }
```

# Background

The CSS property to change the background color of an element to Hex E0CD64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0CD64 }
```

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

```
.background{ background-color:#E0CD64 }
```

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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