

Converting Colors

Hex(E0D400)

Have a look what the booklet for
Hex(E0D400) contains.

Hex(E0D400)	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(E0D400)

Conversions

Conversions Part 1

Format	Color
Hex	E0D400
RGB	224, 212, 0
RGB Percent	88%, 83%, 0%
CMY	0.1216, 0.1686, 1.0000
CMYK	0.00, 0.05, 1.00, 0.12
HSL	57°, 100%, 44%
HSV	57°, 100%, 88%
XYZ	54.2840, 62.9343, 9.2865
YIQ	191.4200, 75.2040, -63.3880

Conversions

Conversions Part 2

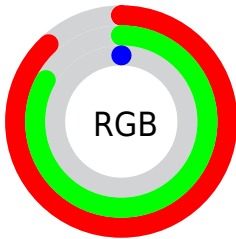
Format	Color
RYB	13, 224, 0
Decimal	14734336
CIELab	83.41, -13.64, 83.36
CIELCh	83, 84.466, 99.294
Yxy	62.9343, 0.4291, 0.4975
Android (android.graphics.Color)	4292924416 (0xFFE0D400)
YUV	191.4200, -94.3701, 28.5727
Hunter-Lab	79.3311, -16.6871, 48.5913

Details

The Hex color **E0D400** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **000CE0**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF57**, and **A49E00** is the 20% darker color. If you saturate the color by 10%, you get **E0D400**, and if you desaturate by 10%, it is **E0D516**.

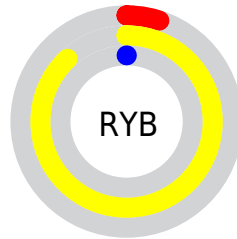
Distribution



Red (88%)

Green (83%)

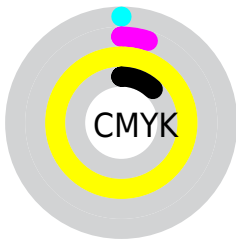
Blue (0%)



Red (5%)

Yellow (88%)

Blue (0%)

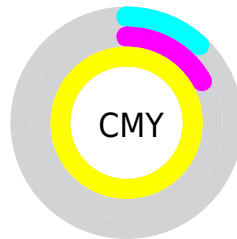


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0D400 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 E0D400 by changing the saturation by 10% instead.

 E0D400

 E0D400

FFFFFF

 C2B900

 FFFF57

 A49E00

 FFFF75

 878400

 FFFF92

 6A6B00

 FFFFAF

 4E5300

 FFFFCD

 333C00

 FFFFEB

 1A2700

 001400

 000000

 E0D400

 E0D516

 E0D62D

 E0D843

 E0D95A

 E0DA70

 E0DB86

 E0DC9D

 E0DEB3

 E0DFCA

Harmonies

Analogous

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



FFB72D



E0D400



89E748

Triad

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



E0D400



00F2FF



FF8CFF

Complementary

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



E0D400



000CE0

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.



F2AFFF



E0D400



00E7FF

Square

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



E0D400



00F5E7



38D1FF



FF80BA

Rectangle

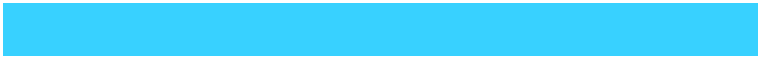
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0D400



00EF7A



38D1FF



FF97FF

Sweetspot

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



E0D400



FFFBB3



E0000F



807D52



000000



808080

Same Dimension

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



E0D400



FFF100



7FE000



707065



B0A700



302E00

Inverse Universe

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



000CE0



000EFF



6100E0



656670



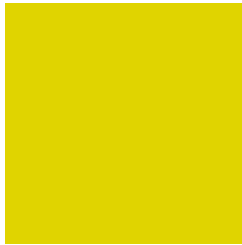
0009B0



000330

Previews

White Background



This preview shows how the Hex color E0D400 looks on a white background.

Color Contrast Check

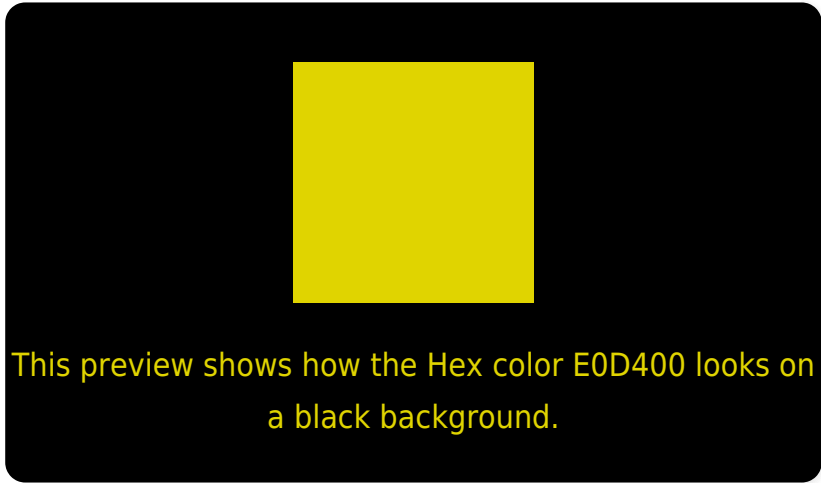
Large Text (above 18pt) WCAG AA × Fail

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 E0D400 Background



This preview shows how black text looks on a background with the Hex color E0D400.

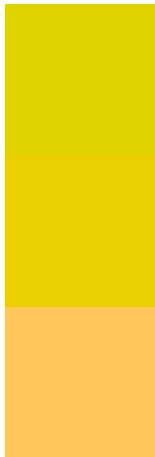


This preview shows how white text looks on a background with the Hex color E0D400.

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

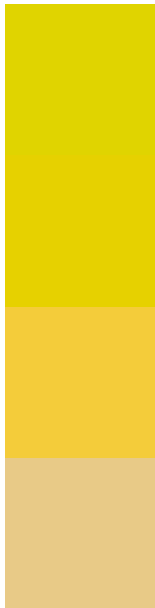


Original Color
E0D400

Protanopia
EAD000

Deuteranopia
FFC75B

Trichromacy



Original Color
E0D400

Protanomaly
E6D100

Deuteranomaly
F4CC3A

Tritanomaly
E8CA87

Monochromacy



Original Color
E0D400

Achromatopsia
BFBFBF

Achromatomaly
CBC77A

CSS Examples

Text

The CSS property to change the color of the text to Hex E0D400 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 #E0D400 looks like.

```
.text, #text, p{  
    color:#E0D400  
}
```

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 #E0D400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0D400
}
```

Border

The CSS property to change the border of an element to Hex E0D400 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
#E0D400 }
```

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

```
.border{ border-color:#E0D400 }
```

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

Here you see how a box with a 4 pixel #E0D400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0D400; -webkit-box-shadow:4px 4px  
4px 4px #E0D400; box-shadow:4px 4px 4px  
4px #E0D400 }
```

Background

The CSS property to change the background color of an element to Hex E0D400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0D400 }
```

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

```
.background{ background-color:#E0D400 }
```

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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