

Converting Colors

Hex(E7D300)

Have a look what the booklet for
Hex(E7D300) contains.

Hex(E7D300)	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(E7D300)

Conversions

Conversions Part 1

Format	Color
Hex	E7D300
RGB	231, 211, 0
RGB Percent	91%, 83%, 0%
CMY	0.0941, 0.1725, 1.0000
CMYK	0.00, 0.09, 1.00, 0.09
HSL	55°, 100%, 45%
HSV	55°, 100%, 91%
XYZ	56.2493, 63.5775, 9.3070
YIQ	192.9260, 79.6510, -61.3810

Conversions

Conversions Part 2

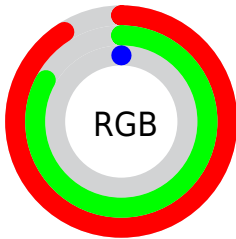
Format	Color
R _Y B	22, 231, 0
Decimal	15192832
CIE Lab	83.75, -10.15, 83.87
CIE LCh	84, 84.486, 96.899
Yxy	63.5775, 0.4356, 0.4923
Android (android.graphics.Color)	4293382912 (0xFFE7D300)
YUV	192.9260, -95.1125, 33.3909
Hunter-Lab	79.7355, -13.6145, 48.8943

Details

The Hex color **E7D300** 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 **0014E7**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF57**, and **AB9D00** is the 20% darker color. If you saturate the color by 10%, you get **E7D300**, and if you desaturate by 10%, it is **E7D517**.

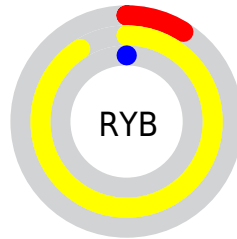
Distribution



Red (91%)

Green (83%)

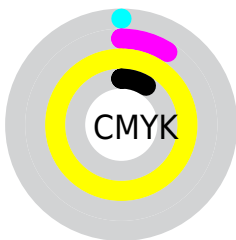
Blue (0%)



Red (9%)

Yellow (91%)

Blue (0%)

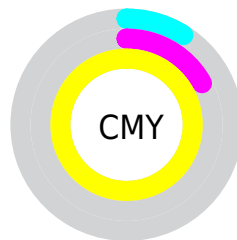


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7D300 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 E7D300 by changing the saturation by 10% instead.

 E7D300

 E7D300

FFFFFF

 C9B800

 FFFF57

 AB9D00

 FFFF75

 8D8300

 FFFF92

 706A00

 FFFFB0

 545200

 FFFFCD

 393C00

 FFFFEB

 202600

 001300

 000000

 E7D300

 E7D517

 E7D72E

 E7D945

 E7DB5C

 E7DD74

 E7DF8B

 E7E1A2

 E7E3B9

 E7E5D0

Harmonies

Analogous

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



FFB633



E7D300



92E744

Triad

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



E7D300



00F4FF



FF90FF

Complementary

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



E7D300



0014E7

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.



EAB3FF



E7D300



00EAFB

Square

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



E7D300



00F6E2



00D4FF



FF80C2

Rectangle

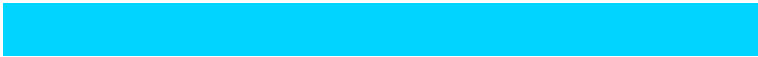
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7D300



30EF75



00D4FF



FF9BFF

Sweetspot

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



E7D300



FFF8B3



E70017



807C52



000000



808080

Same Dimension

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



E7D300



FFE900



8BE700



737267



B3A300



332F00

Inverse Universe

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



0014E7



0016FF



5C00E7



676873



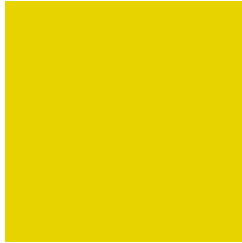
000FB3



000433

Previews

White Background



This preview shows how the Hex color E7D300 looks on a white background.

Color Contrast Check

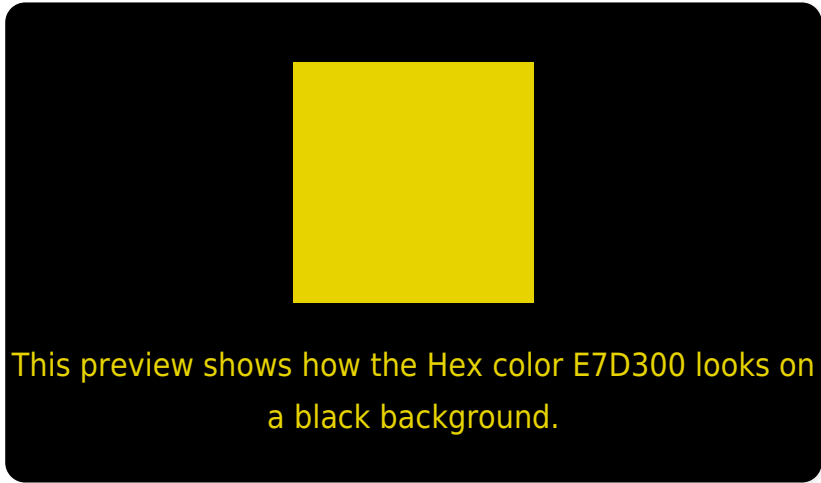
Large Text (above 18pt) WCAG AA × Fail

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 E7D300 Background



This preview shows how black text looks on a background with the Hex color E7D300.

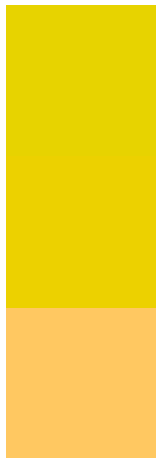


This preview shows how white text looks on a background with the Hex color E7D300.

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
E7D300

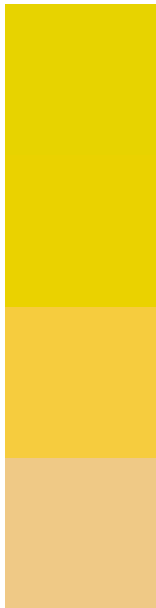
Protanopia
ECD100

Deuteranopia
FFC861



Tritanopia
F4C4D3

Trichromacy



Original Color
E7D300

Protanomaly
EAD200

Deuteranomaly
F6CC3E

Tritanomaly
EFC986

Monochromacy



Original Color
E7D300

Achromatopsia
C1C1C1

Achromatomaly
CFC87B

CSS Examples

Text

The CSS property to change the color of the text to Hex E7D300 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 #E7D300 looks like.

```
.text, #text, p{  
    color:#E7D300  
}
```

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 #E7D300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7D300
}
```

Border

The CSS property to change the border of an element to Hex E7D300 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
#E7D300 }
```

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

```
.border{ border-color:#E7D300 }
```

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

Here you see how a box with a 4 pixel #E7D300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7D300; -webkit-box-shadow:4px 4px  
4px 4px #E7D300; box-shadow:4px 4px 4px  
4px #E7D300 }
```

Background

The CSS property to change the background color of an element to Hex E7D300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7D300 }
```

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

```
.background{ background-color:#E7D300 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor