

# Converting Colors

Hex(E3D300)

Have a look what the booklet for  
Hex(E3D300) contains.

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**Color**

**Hex(E3D300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3D300
RGB	227, 211, 0
RGB Percent	89%, 83%, 0%
CMY	0.1098, 0.1725, 1.0000
CMYK	0.00, 0.07, 1.00, 0.11
HSL	56°, 100%, 45%
HSV	56°, 100%, 89%
XYZ	54.9728, 62.9194, 9.2473
YIQ	191.7300, 77.2670, -62.2290

# Conversions

## Conversions Part 2

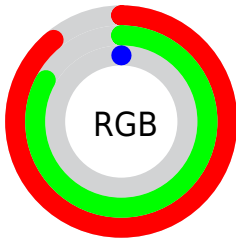
Format	Color
R <sub>Y</sub> B	17, 227, 0
Decimal	14930688
CIE Lab	83.40, -11.86, 83.47
CIE LCh	83, 84.306, 98.087
Yxy	62.9194, 0.4324, 0.4949
Android (android.graphics.Color)	4293120768 (0xFFE3D300)
YUV	191.7300, -94.5229, 30.9318
Hunter-Lab	79.3218, -15.1062, 48.6132

# Details

The Hex color **E3D300** 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 **0010E3**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF57**, and **A79D00** is the 20% darker color. If you saturate the color by 10%, you get **E3D300**, and if you desaturate by 10%, it is **E3D517**.

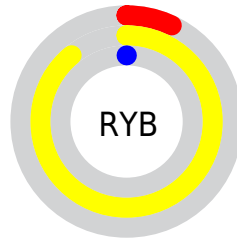
# Distribution



Red (89%)

Green (83%)

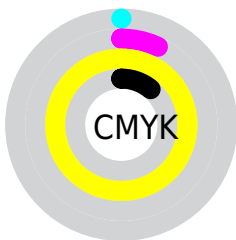
Blue (0%)



Red (7%)

Yellow (89%)

Blue (0%)

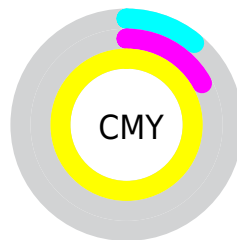


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3D300 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 E3D300 by changing the saturation by 10% instead.



 E3D300

 E3D300

FFFFFF

 C5B800

 FFFF57

 A79D00


 FFFF75

 898300

 FFFF92

 6D6A00

 FFFFAF

 515200

 FFFFCD

 363C00

 FFFFEB

 1D2600

 001300

 000000

 E3D300

 E3D517

 E3D62D

 E3D844

 E3D95B

 E3DB72

 E3DD88

 E3DE9F

 E3E0B6

 E3E1CC

# Harmonies

## Analogous

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



FFB630



E3D300



8EE646

# Triad

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



E3D300



00F3FF



FF8EFF

# Complementary

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



E3D300



0010E3

# 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.



EEB1FF



E3D300



00E8FF

# Square

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



E3D300



00F5E4



1ED2FF



FF80BE

# Rectangle

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



E3D300



20EE77



1ED2FF



FF98FF



# Sweetspot

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



E3D300



FFFAB3



E30013



807C52



000000



808080



# Same Dimension

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



E3D300



FFED00



84E300



737267



B3A600



332F00



# Inverse Universe

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



0010E3



0012FF



5F00E3



676873



000DB3

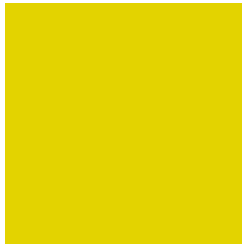


000433



# Previews

## White Background



This preview shows how the Hex color E3D300 looks on a white background.

## Color Contrast Check

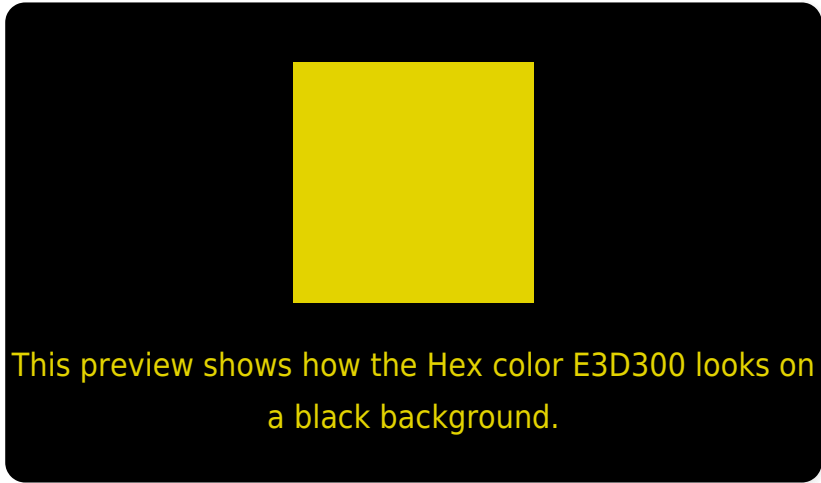
Large Text (above 18pt) WCAG AA × Fail

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 E3D300 Background



This preview shows how black text looks on a background with the Hex color E3D300.



This preview shows how white text looks on a background with the Hex color E3D300.

# 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**  
E3D300

**Protanopia**  
EAD000

**Deuteranopia**  
FFC75B

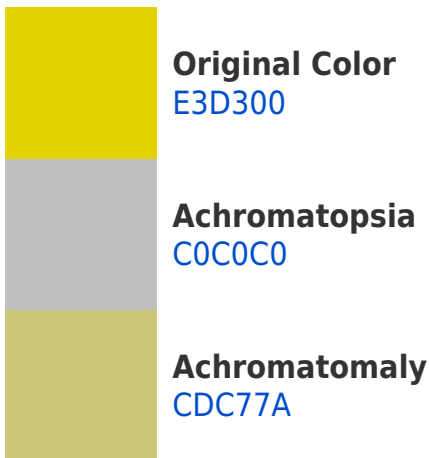


**Tritanopia**  
F0C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3D300 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 #E3D300 looks like.

```
.text, #text, p{  
    color:#E3D300  
}
```

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 #E3D300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D300
}
```

## Border

The CSS property to change the border of an element to Hex E3D300 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
#E3D300 }
```

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

```
.border{ border-color:#E3D300 }
```

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

Here you see how a box with a 4 pixel #E3D300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D300; -webkit-box-shadow:4px 4px  
4px 4px #E3D300; box-shadow:4px 4px 4px  
4px #E3D300 }
```

# Background

The CSS property to change the background color of an element to Hex E3D300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D300 }
```

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

```
.background{ background-color:#E3D300 }
```

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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