

# Converting Colors

Hex(E3DD09)

Have a look what the booklet for  
Hex(E3DD09) contains.

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**Color**

**Hex(E3DD09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3DD09
RGB	227, 221, 9
RGB Percent	89%, 87%, 4%
CMY	0.1098, 0.1333, 0.9647
CMYK	0.00, 0.03, 0.96, 0.11
HSL	58°, 92%, 46%
HSV	58°, 96%, 89%
XYZ	57.5843, 68.0635, 10.3610
YIQ	198.6260, 71.6280, -64.6600

# Conversions

## Conversions Part 2

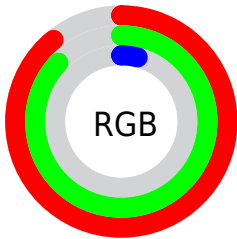
Format	Color
<a href="#">RYB</a>	<a href="#">15, 227, 9</a>
Decimal	<a href="#">14933257</a>
CIELab	<a href="#">86.04, -16.74, 84.62</a>
CIELCh	<a href="#">86, 86.259, 101.188</a>
Yxy	<a href="#">68.0635, 0.4234, 0.5004</a>
Android (android.graphics.Color)	<a href="#">4293123337</a> ( <a href="#">0xFFE3DD09</a> )
YUV	<a href="#">198.6260, -93.4856, 24.8840</a>
Hunter-Lab	<a href="#">82.5006, -19.7855, 50.3044</a>

# Details

The Hex color **E3DD09** 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 **090FE3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF5B**, and **A7A600** is the 20% darker color. If you saturate the color by 10%, you get **E3DD00**, and if you desaturate by 10%, it is **E3DE20**.

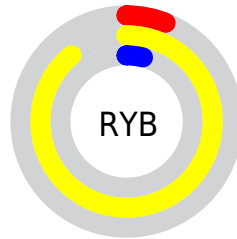
# Distribution



Red (89%)

Green (87%)

Blue (4%)



Red (6%)

Yellow (89%)

Blue (4%)

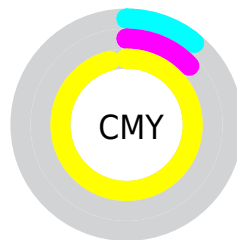


Cyan (0%)

Magenta (3%)

Yellow (96%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3DD09 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 E3DD09 by changing the saturation by 10% instead.



 E3DD09

 E3DD09

FFFFFF

 C5C100

 FFFF5B

 A7A600


 FFFF79

 8A8C00

 FFFF96

 6D7300

 FFFFB4

 515B00

 FFFFD1

 364300

 FFFFEF

 1C2D00

 001A00

 000000

 E3DD09

 E3DD09

 E3DD00

 E3DE20

 E3DE36

 E3DF4D

 E3DF64

 E3E07B

 E3E191

 E3E1A8

 E3E2BF

 E3E3D5

# Harmonies

## Analogous

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



FFC02C



E3DD09



88F051

# Triad

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



E3DD09



00FAFF



FF90FF

# Complementary

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



E3DD09



090FE3

# 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.



FFB3FF



E3DD09



00EEFF

# Square

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



E3DD09



00FEF5



58D6FF



FF86BC

# Rectangle

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



E3DD09



00F884



58D6FF



FF9BFF



# Sweetspot

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



E3DD09



FFFDB5



E30910



807E53



000000



808080



# Same Dimension

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



E3DD09



FFF800



7DE309



737267



B3AE00



333200



# Inverse Universe

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



090FE3



0007FF



6F09E3



676873



0005B3

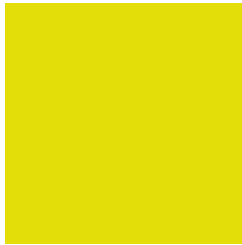


000133



# Previews

## White Background



This preview shows how the Hex color E3DD09 looks on a white background.

## Color Contrast Check

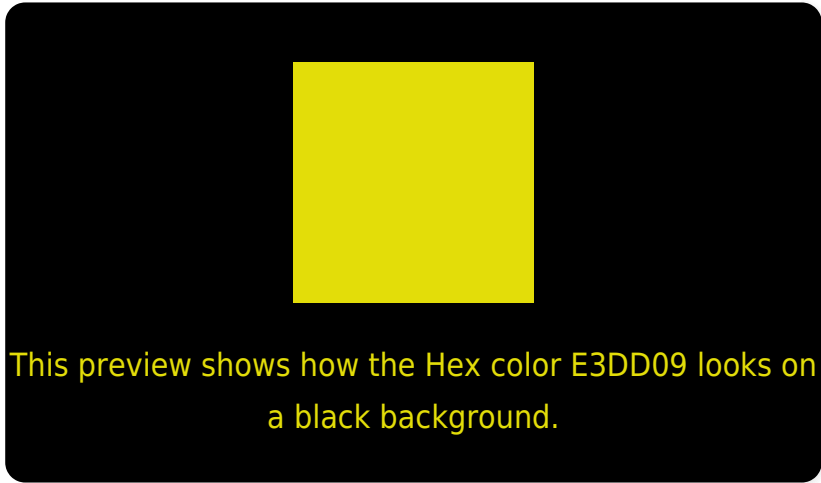
Large Text (above 18pt) WCAG AA × Fail

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 E3DD09 Background



This preview shows how black text looks on a background with the Hex color E3DD09.

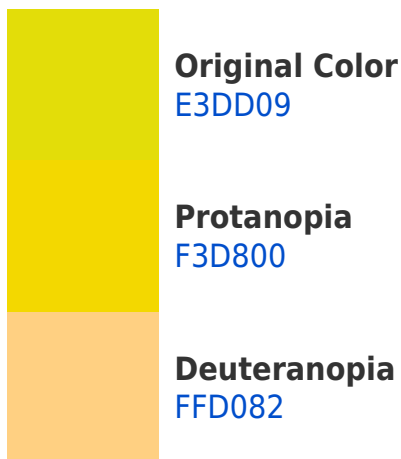


This preview shows how white text looks on a background with the Hex color E3DD09.

# Color Blindness Simulation

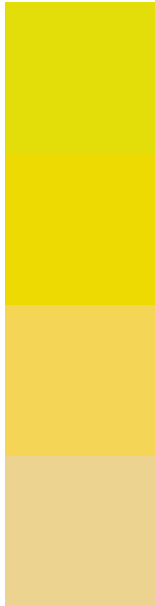
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
E3DD09

**Protanomaly**  
EDDA03

**Deuteranomaly**  
F5D556

**Tritanomaly**  
ECD390

# Monochromacy



**Original Color**  
E3DD09

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
D1CF82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3DD09 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 #E3DD09 looks like.

```
.text, #text, p{  
    color:#E3DD09  
}
```

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 #E3DD09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3DD09
}
```

## Border

The CSS property to change the border of an element to Hex E3DD09 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
#E3DD09 }
```

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

```
.border{ border-color:#E3DD09 }
```

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

Here you see how a box with a 4 pixel #E3DD09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3DD09; -webkit-box-shadow:4px 4px  
4px 4px #E3DD09; box-shadow:4px 4px 4px  
4px #E3DD09 }
```

# Background

The CSS property to change the background color of an element to Hex E3DD09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3DD09 }
```

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

```
.background{ background-color:#E3DD09 }
```

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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