

# Converting Colors

Hex(E0CD09)

Have a look what the booklet for  
Hex(E0CD09) contains.

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**Color**

**Hex(E0CD09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0CD09
RGB	224, 205, 9
RGB Percent	88%, 80%, 4%
CMY	0.1216, 0.1961, 0.9647
CMYK	0.00, 0.08, 0.96, 0.12
HSL	55°, 92%, 46%
HSV	55°, 96%, 88%
XYZ	52.6211, 59.5297, 8.9754
YIQ	188.3370, 74.2400, -56.9280

# Conversions

## Conversions Part 2

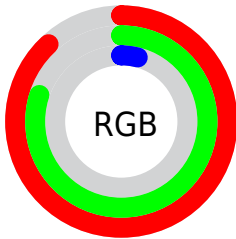
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 224, 9
Decimal	14732553
CIELab	81.58, -10.05, 81.20
CIELCh	82, 81.822, 97.056
Yxy	59.5297, 0.4344, 0.4915
Android (android.graphics.Color)	4292922633 (0xFFE0CD09)
YUV	188.3370, -88.4131, 31.2765
Hunter-Lab	77.1555, -13.2826, 47.1117

# Details

The Hex color **E0CD09** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **091CE0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF58**, and **A49700** is the 20% darker color. If you saturate the color by 10%, you get **E0CC00**, and if you desaturate by 10%, it is **E0CF1F**.

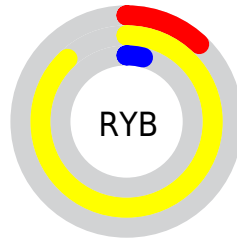
# Distribution



Red (88%)

Green (80%)

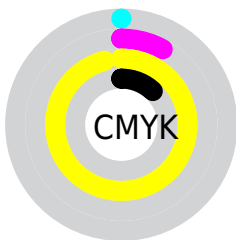
Blue (4%)



Red (12%)

Yellow (88%)

Blue (4%)

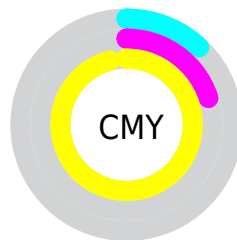


Cyan (0%)

Magenta (8%)

Yellow (96%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0CD09 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 E0CD09 by changing the saturation by 10% instead.



 E0CD09

 E0CD09

FFFFFF

 C2B200

 FFFF58

 A49700

 FFFF76

 877E00

 FFFF93

 6A6500

 FFFFB0

 4E4D00

 FFFFCD

 343700

 FFFFEB

 1B2200

 000B00

 000000

 E0CD09

 E0CD09

 E0CC00

 E0CF1F

 E0D136

 E0D34C

 E0D563

 E0D779

 E0D98F

 E0DBA6

 E0DDBC

 E0DFD3

# Harmonies

## Analogous

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



FFB133



E0CD09



8EE044

# Triad

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



E0CD09



00EDFF



FF8CFF

# Complementary

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



E0CD09



091CE0

# 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.



E4AEFF



E0CD09



00E3FF

# Square

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



E0CD09



00EFDB



00CEFF



FF7EBC

# Rectangle

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



E0CD09



31E872



00CEFF



FF97FF



# Sweetspot

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



E0CD09



FFF8B5



E0091F



807C53



000000



808080



# Same Dimension

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



E0CD09



FFE800



8AE009



706F65



B0A000



302C00



# Inverse Universe

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



091CE0



0017FF



5F09E0



656670



0010B0

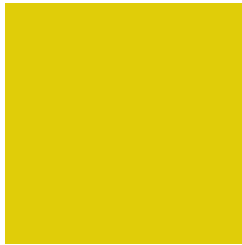


000430



# Previews

## White Background



This preview shows how the Hex color E0CD09 looks on a white background.

## Color Contrast Check

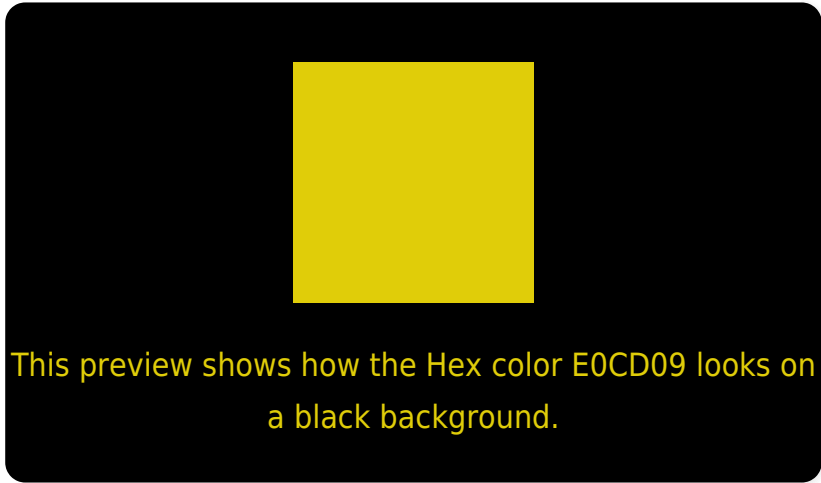
Large Text (above 18pt) WCAG AA × Fail

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 E0CD09 Background



This preview shows how black text looks on a background with the Hex color E0CD09.

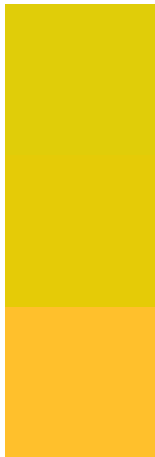


This preview shows how white text looks on a background with the Hex color E0CD09.

# 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



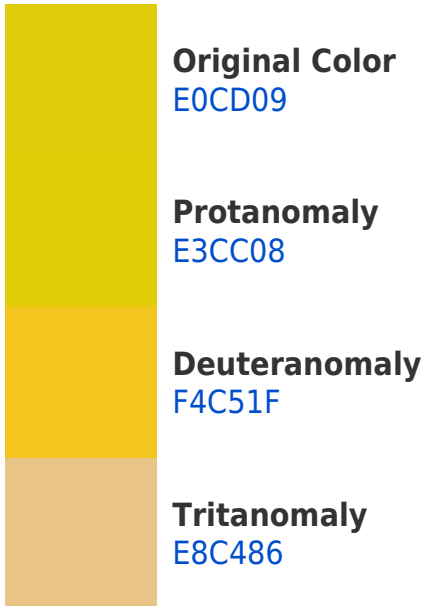
**Original Color**  
E0CD09

**Protanopia**  
E5CB07

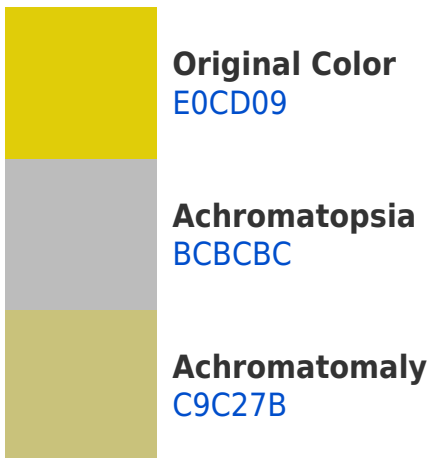
**Deuteranopia**  
FFC02C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0CD09 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 #E0CD09 looks like.

```
.text, #text, p{  
    color:#E0CD09  
}
```

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 #E0CD09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0CD09
}
```

## Border

The CSS property to change the border of an element to Hex E0CD09 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
#E0CD09 }
```

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

```
.border{ border-color:#E0CD09 }
```

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

Here you see how a box with a 4 pixel #E0CD09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0CD09; -webkit-box-shadow:4px 4px  
4px 4px #E0CD09; box-shadow:4px 4px 4px  
4px #E0CD09 }
```

# Background

The CSS property to change the background color of an element to Hex E0CD09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0CD09 }
```

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

```
.background{ background-color:#E0CD09 }
```

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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