

# Converting Colors

Hex(E0D853)

Have a look what the booklet for  
Hex(E0D853) contains.

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**Color**

**Hex(E0D853)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0D853
RGB	224, 216, 83
RGB Percent	88%, 85%, 33%
CMY	0.1216, 0.1529, 0.6745
CMYK	0.00, 0.04, 0.63, 0.12
HSL	57°, 69%, 60%
HSV	57°, 63%, 88%
XYZ	56.8577, 65.5836, 17.8458
YIQ	203.2300, 47.4610, -39.6670

# Conversions

## Conversions Part 2

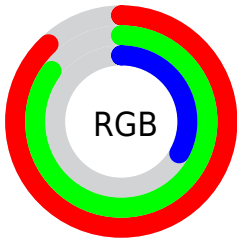
Format	Color
R <sub>Y</sub> B	91, 224, 83
Decimal	14735443
CIE Lab	84.78, -13.12, 64.31
CIE LCh	85, 65.637, 101.527
Yxy	65.5836, 0.4053, 0.4675
Android (android.graphics.Color)	4292925523 (0xFFE0D853)
YUV	203.2300, -59.2734, 18.2153
Hunter-Lab	80.9837, -16.3987, 43.6233

# Details

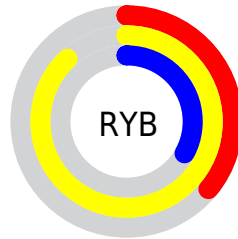
The Hex color **E0D853** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **535BE0**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF8A**, and **A6A115** is the 20% darker color. If you saturate the color by 10%, you get **E0D73D**, and if you desaturate by 10%, it is **E0D969**.

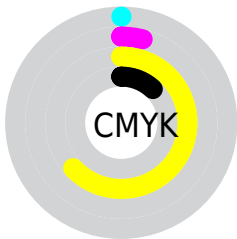
# Distribution



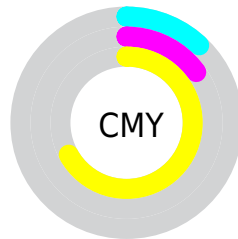
- Red (88%)
- Green (85%)
- Blue (33%)



- Red (36%)
- Yellow (88%)
- Blue (33%)



- Cyan (0%)
- Magenta (4%)
- Yellow (63%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0D853 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 E0D853 by changing the saturation by 10% instead.



 E0D853

 E0D853

FFFFFF

 C3BC37

 FFFF8A

 A6A115

 FFFFA6

 898700

 FFFFC2


 6D6E00

 FFFFDF

 535600

FFFFFFD

 383F00

 1F2900

 001600

 000000

 E0D853

 E0D853

 E0D73D

 E0D969

 E0D526

 E0DB80

 E0D410

 E0DC96

 E0D300

 E0DDAD

 E0DEC3

 E0E0D9

 E0E1F0

 E0E2FF

 E0E3FF

# Harmonies

## Analogous

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



FFC35B



E0D853



9CE773

# Triad

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



E0D853



00EFFF



FFA4FC

# Complementary

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



E0D853



535BE0

# 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.



F7BAFF



E0D853



00E5FF

# Square

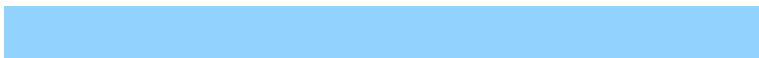
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0D853



00F3EA



91D2FF



FF9EBE

# Rectangle

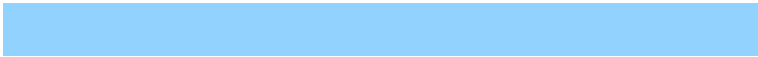
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0D853



5EEE96



91D2FF



FFAAFF



# Sweetspot

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



E0D853



FFFCCF



E0535C



807E62



000000



808080



# Same Dimension

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



E0D853



FFF43D



A3E053



707065



B0A600



302E00



# Inverse Universe

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



535BE0



3D48FF



9053E0



656670



000AB0



000330



# Previews

## White Background



This preview shows how the Hex color E0D853 looks on a white background.

## Color Contrast Check

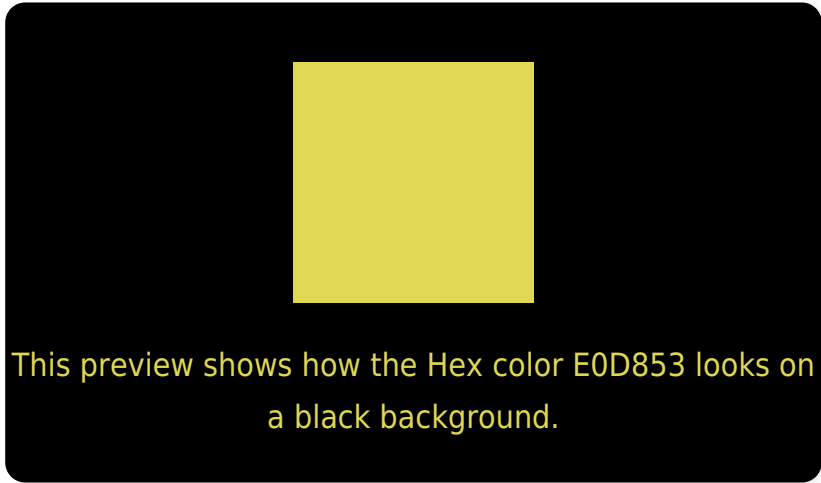
Large Text (above 18pt) WCAG AA × Fail

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 E0D853 Background



This preview shows how black text looks on a background with the Hex color E0D853.

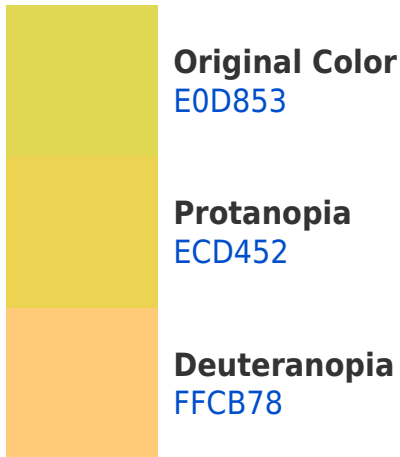


This preview shows how white text looks on a background with the Hex color E0D853.

# Color Blindness Simulation

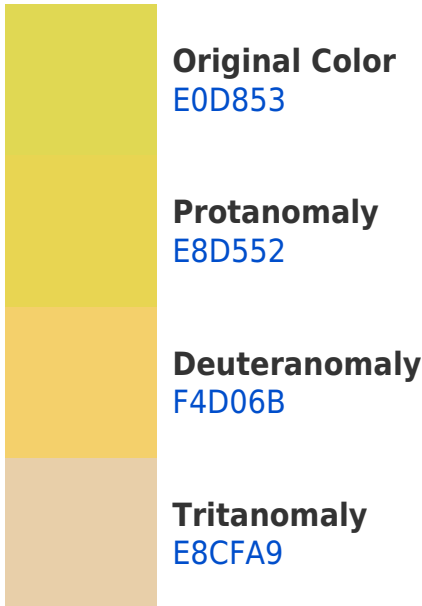
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0D853 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 #E0D853 looks like.

```
.text, #text, p{  
    color:#E0D853  
}
```

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 #E0D853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0D853
}
```

## Border

The CSS property to change the border of an element to Hex E0D853 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
#E0D853 }
```

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

```
.border{ border-color:#E0D853 }
```

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

Here you see how a box with a 4 pixel #E0D853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0D853; -webkit-box-shadow:4px 4px  
4px 4px #E0D853; box-shadow:4px 4px 4px  
4px #E0D853 }
```

# Background

The CSS property to change the background color of an element to Hex E0D853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0D853 }
```

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

```
.background{ background-color:#E0D853 }
```

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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