

# Converting Colors

Hex(E3D263)

Have a look what the booklet for  
Hex(E3D263) contains.

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**Color**

**Hex(E3D263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3D263
RGB	227, 210, 99
RGB Percent	89%, 82%, 39%
CMY	0.1098, 0.1765, 0.6118
CMYK	0.00, 0.07, 0.56, 0.11
HSL	52°, 70%, 64%
HSV	52°, 56%, 89%
XYZ	56.9773, 63.3249, 21.0243
YIQ	202.4290, 45.7630, -30.9170

# Conversions

## Conversions Part 2

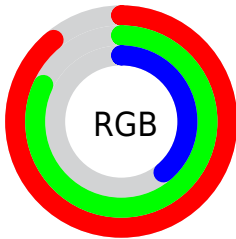
Format	Color
<a href="#">RYB</a>	<a href="#">119, 227, 99</a>
Decimal	<a href="#">14930531</a>
CIELab	<a href="#">83.61, -7.78, 56.15</a>
CIELCh	<a href="#">84, 56.684, 97.885</a>
Yxy	<a href="#">63.3249, 0.4032, 0.4481</a>
Android (android.graphics.Color)	<a href="#">4293120611</a> ( <a href="#">0xFFE3D263</a> )
YUV	<a href="#">202.4290, -50.9905, 21.5488</a>
Hunter-Lab	<a href="#">79.5770, -11.4533, 40.0394</a>

# Details

The Hex color **E3D263** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6374E3**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF99**, and **A99C2E** is the 20% darker color. If you saturate the color by 10%, you get **E3CF4C**, and if you desaturate by 10%, it is **E3D57A**.

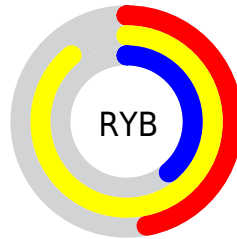
# Distribution



Red (89%)

Green (82%)

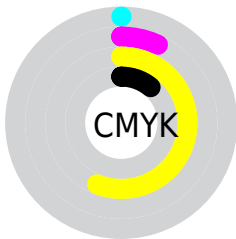
Blue (39%)



Red (47%)

Yellow (89%)

Blue (39%)

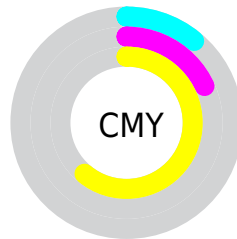


Cyan (0%)

Magenta (7%)

Yellow (56%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3D263 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 E3D263 by changing the saturation by 10% instead.



 E3D263

 E3D263

FFFFFF

 C6B749

 FFFF99

 A99C2E

 FFFFB5

 8D820D

 FFFFD1

 716900

 FFFFEE

 575100

 3C3A00

 232500

 001100

 000000

 E3D263

 E3D263

 E3CF4C

 E3D57A

 E3CC36

 E3D890

 E3C91F

 E3DBA7

 E3C608

 E3DEBE

 E3C500

 E3E1D4

 E3E4EB

 E3E7FF

 E3EAFF

 E3EDFF

# Harmonies

## Analogous

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



FFBF6D



E3D263



AAE079

# Triad

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



E3D263



00E9FF



FFAAFA

# Complementary

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



E3D263



6374E3

# 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.



E7BDFF



E3D263



00E1FF

# Square

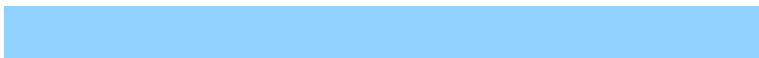
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3D263



00ECDD



91D1FF



FFA4C4

# Rectangle

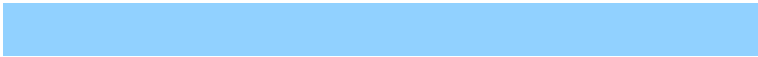
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3D263



7CE796



91D1FF



FFB0FF



# Sweetspot

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



E3D263



FFF9D4



E36374



807C66



000000



808080



# Same Dimension

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



E3D263



FFE852



B4E363



737167



B39B00



332C00



# Inverse Universe

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



6374E3



5269FF



9263E3



676973



0018B3

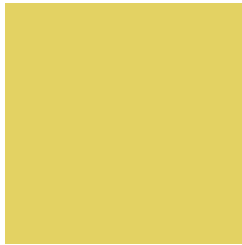


000733



# Previews

## White Background



This preview shows how the Hex color E3D263 looks on a white background.

## Color Contrast Check

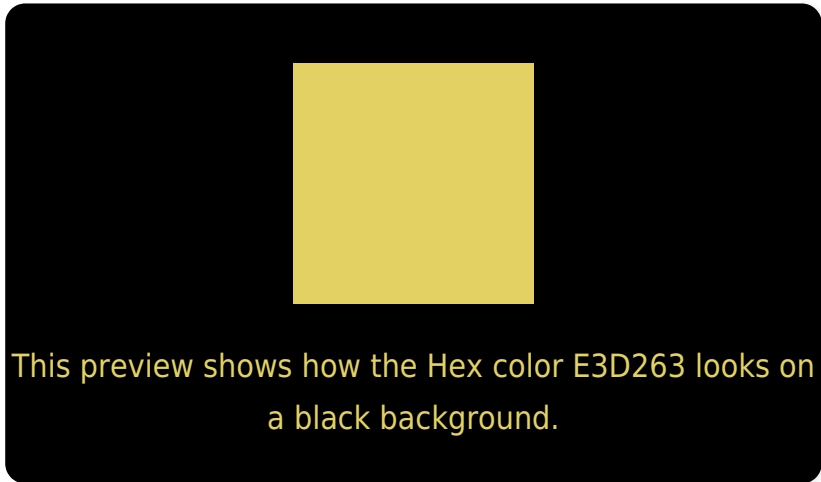
Large Text (above 18pt) WCAG AA × Fail

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 E3D263 Background



This preview shows how black text looks on a background with the Hex color E3D263.

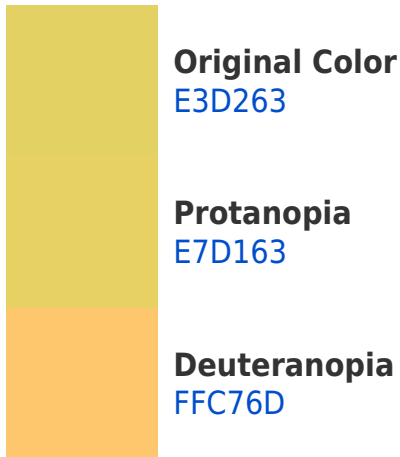


This preview shows how white text looks on a background with the Hex color E3D263.

# Color Blindness Simulation

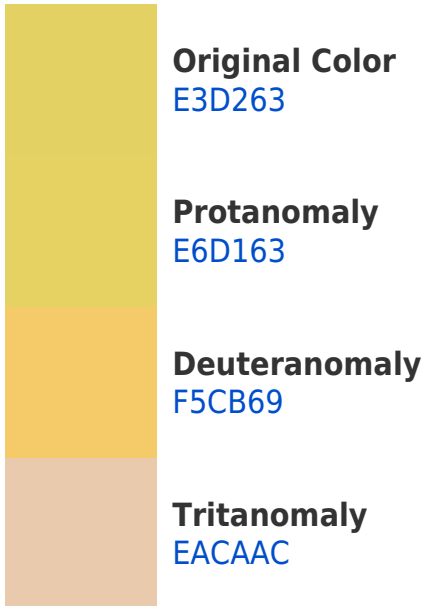
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

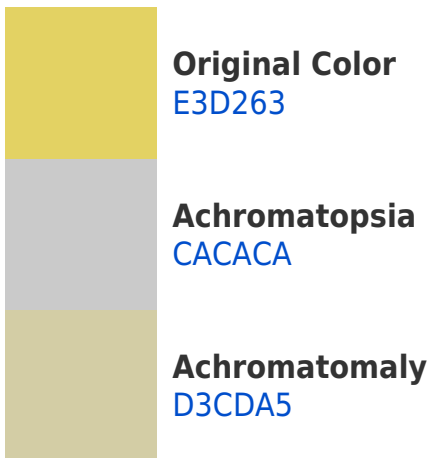




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3D263 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 #E3D263 looks like.

```
.text, #text, p{  
    color:#E3D263  
}
```

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 #E3D263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D263
}
```

## Border

The CSS property to change the border of an element to Hex E3D263 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
#E3D263 }
```

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

```
.border{ border-color:#E3D263 }
```

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

Here you see how a box with a 4 pixel #E3D263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D263; -webkit-box-shadow:4px 4px  
4px 4px #E3D263; box-shadow:4px 4px 4px  
4px #E3D263 }
```

# Background

The CSS property to change the background color of an element to Hex E3D263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D263 }
```

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

```
.background{ background-color:#E3D263 }
```

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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