

Converting Colors

Hex(E1D331)

Have a look what the booklet for
Hex(E1D331) contains.

Hex(E1D331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E1D331)

Conversions

Conversions Part 1

Format	Color
Hex	E1D331
RGB	225, 211, 49
RGB Percent	88%, 83%, 19%
CMY	0.1176, 0.1725, 0.8078
CMYK	0.00, 0.06, 0.78, 0.12
HSL	55°, 75%, 54%
HSV	55°, 78%, 88%
XYZ	54.9000, 62.8178, 12.1372
YIQ	196.7180, 60.3460, -47.4140

Conversions

Conversions Part 2

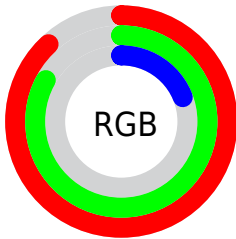
Format	Color
RYB	64, 225, 49
Decimal	14799665
CIELab	83.35, -11.81, 75.03
CIElCh	83, 75.958, 98.948
Yxy	62.8178, 0.4228, 0.4838
Android (android.graphics.Color)	4292989745 (0xFFE1D331)
YUV	196.7180, -72.8250, 24.8033
Hunter-Lab	79.2577, -15.0582, 46.4009

Details

The Hex color **E1D331** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **313FE1**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF6D**, and **A69D00** is the 20% darker color. If you saturate the color by 10%, you get **E1D11A**, and if you desaturate by 10%, it is **E1D547**.

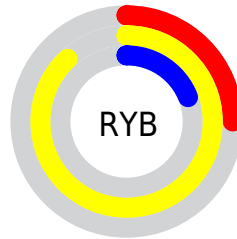
Distribution



Red (88%)

Green (83%)

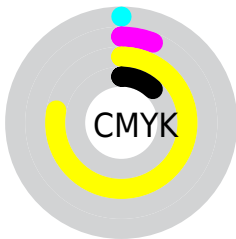
Blue (19%)



Red (25%)

Yellow (88%)

Blue (19%)

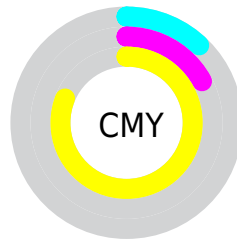


Cyan (0%)

Magenta (6%)

Yellow (78%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1D331 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 E1D331 by changing the saturation by 10% instead.

 E1D331

 E1D331

FFFFFF

 C3B800

 FFFF6D

 A69D00

 FFFF8A

 898300

 FFFFA6

 6D6A00

 FFFF83

 515200

 FFFF80

 363B00

FFFFFFE

 1D2600

 001300

 000000

 E1D331

 E1D331

 E1D11A

 E1D547

 E1CF04

 E1D75E

 E1CF00

 E1D874

 E1DA8B

 E1DCA2

 E1DEB8

 E1E0CE

 E1E1E5

 E1E3FB

Harmonies

Analogous

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



FFB944



E1D331



94E558

Triad

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



E1D331



00EFFF



FF96FF

Complementary

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



E1D331



313FE1

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.



EFB3FF



E1D331



00E5FF

Square

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



E1D331



00F2E4



61D1FF



FF8CBD

Rectangle

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



E1D331



44EC82



61D1FF



FF9FFF

Sweetspot

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



E1D331



FFFAC4



E13140



807D5C



000000



808080

Same Dimension

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



E1D331



FFEC0F



98E131



706F65



B0A200



302D00

Inverse Universe

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



313FE1



0F22FF



7A31E1



656670



000EB0



000430

Previews

White Background



This preview shows how the Hex color E1D331 looks on a white background.

Color Contrast Check

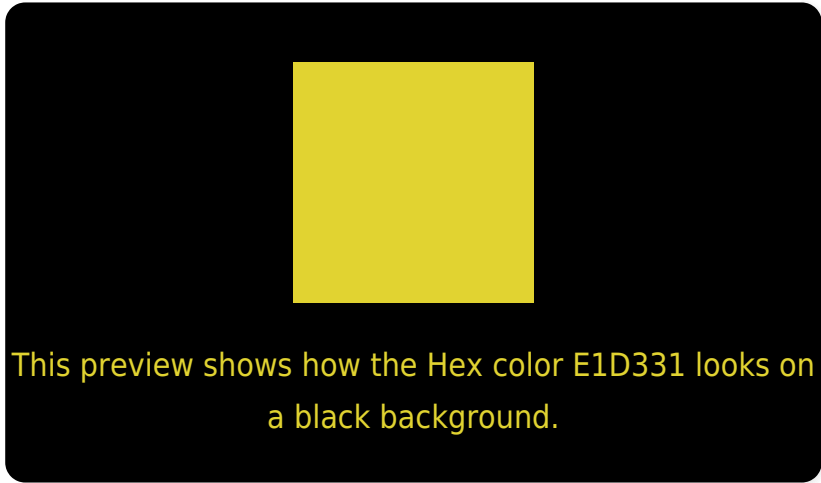
Large Text (above 18pt) WCAG AA × Fail

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 E1D331 Background



This preview shows how black text looks on a background with the Hex color E1D331.



This preview shows how white text looks on a background with the Hex color E1D331.

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

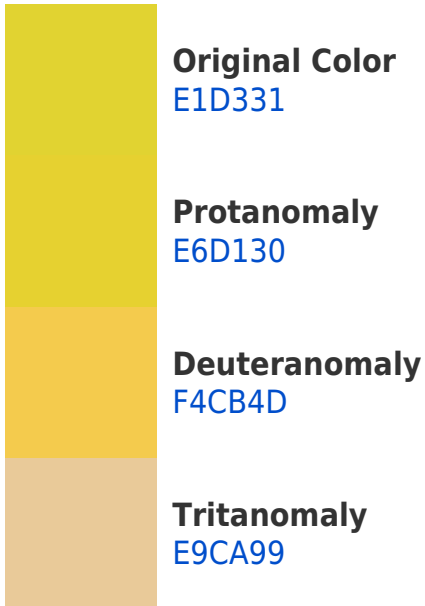


Original Color
E1D331

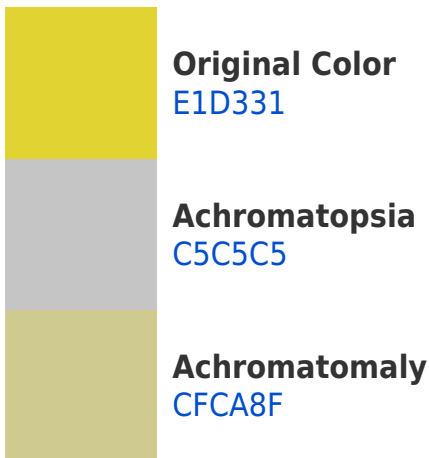
Protanopia
E9D030

Deuteranopia
FFC65D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1D331 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 #E1D331 looks like.

```
.text, #text, p{  
    color:#E1D331  
}
```

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 #E1D331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1D331  
}
```

Border

The CSS property to change the border of an element to Hex E1D331 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  
#E1D331 }
```

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

```
.border{ border-color:#E1D331 }
```

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

Here you see how a box with a 4 pixel #E1D331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1D331; -webkit-box-shadow:4px 4px  
4px 4px #E1D331; box-shadow:4px 4px 4px  
4px #E1D331 }
```

Background

The CSS property to change the background color of an element to Hex E1D331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1D331 }
```

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

```
.background{ background-color:#E1D331 }
```

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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