

# Converting Colors

Hex(D8E331)

Have a look what the booklet for  
Hex(D8E331) contains.

|  |    |
|--|----|
| <b>Hex(D8E331)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(D8E331)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D8E331                      |
| RGB         | 216, 227, 49                |
| RGB Percent | 85%, 89%, 19%               |
| CMY         | 0.1529, 0.1098, 0.8078      |
| CMYK        | 0.05, 0.00, 0.78, 0.11      |
| HSL         | 64°, 76%, 54%               |
| HSV         | 64°, 78%, 89%               |
| XYZ         | 56.3424, 69.7589, 13.4010   |
| YIQ         | 203.4190, 50.5820, -57.6900 |

# Conversions

## Conversions Part 2

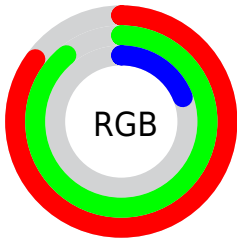
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>Y</sub>B</b>               | 49, 227, 60                    |
| Decimal                             | 14213937                       |
| CIE Lab                             | 86.88, -23.42, 77.89           |
| CIE LCh                             | 87, 81.338, 106.736            |
| Yxy                                 | 69.7589, 0.4039,<br>0.5001     |
| Android<br>(android.graphics.Color) | 4292404017<br>(0xFFD8E331)     |
| YUV                                 | 203.4190, -76.1286,<br>11.0335 |
| Hunter-Lab                          | 83.5218, -25.7500,<br>48.9522  |

# Details

The Hex color **D8E331** 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 **3C31E3**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF6F**, and **9DAC00** is the 20% darker color. If you saturate the color by 10%, you get **D7E31A**, and if you desaturate by 10%, it is **D9E348**.

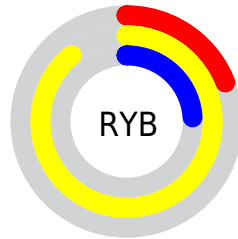
# Distribution



Red (85%)

Green (89%)

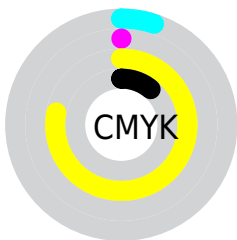
Blue (19%)



Red (19%)

Yellow (89%)

Blue (24%)

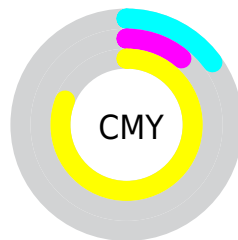


Cyan (5%)

Magenta (0%)

Yellow (78%)

Black (11%)



Cyan (15%)

Magenta (11%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8E331 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 D8E331 by changing the saturation by 10% instead.



 D8E331

 D8E331

FFFFFF

 BAC700

 FFFF6F

 9DAC00

 FFFF8C

 809100

 FFFFA9

 647800

 FFFFC6

 485F00

 FFFF E3

 2D4700

 113100

 001E00

 000000

 D8E331

 D8E331

 D7E31A

 D9E348

 D5E304

 DBE35E

 D5E300

 DCE375

 DEE38C

 DFE3A3

 E0E3B9

 E2E3D0

 E3E3E7

 E5E3FD

# Harmonies

## Analogous

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



FFC935



D8E331



7CF469

# Triad

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



D8E331



00FAFF



FF95FF

# Complementary

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



D8E331



3C31E3

# 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.



FFB2FF



D8E331



00ECFF

# Square

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



D8E331



00FEFF



96D3FF



FF91B2

# Rectangle

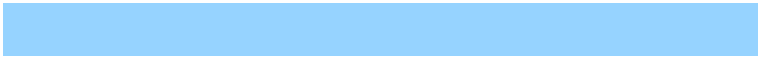
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8E331



00FA99



96D3FF



FF9DFF

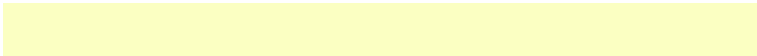


# Sweetspot

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



D8E331



FBFFC2



E33A31



7D805B



000000



808080



# Same Dimension

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



D8E331



F0FF0F



81E331



727367



A7B300



303300



# Inverse Universe

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



3C31E3



1E0FFF



9331E3



686773



0B00B3

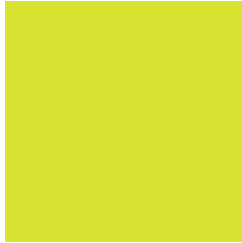


030033



# Previews

## White Background



This preview shows how the Hex color D8E331 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



This preview shows how the Hex color D8E331 looks on a 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 D8E331 Background



This preview shows how black text looks on a background with the Hex color D8E331.

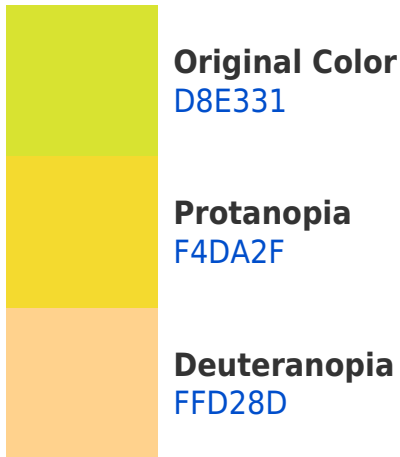


This preview shows how white text looks on a background with the Hex color D8E331.

# 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](#).

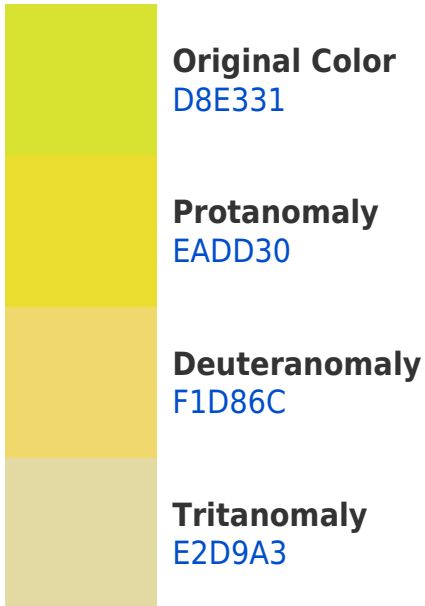
## Dichromacy





**Tritanopia**  
E7D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8E331 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 #D8E331 looks like.

```
.text, #text, p{  
    color:#D8E331  
}
```

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 #D8E331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8E331
}
```

## Border

The CSS property to change the border of an element to Hex D8E331 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
#D8E331 }
```

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

```
.border{ border-color:#D8E331 }
```

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

Here you see how a box with a 4 pixel #D8E331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8E331; -webkit-box-shadow:4px 4px  
4px 4px #D8E331; box-shadow:4px 4px 4px  
4px #D8E331 }
```

# Background

The CSS property to change the background color of an element to Hex D8E331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8E331 }
```

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

```
.background{ background-color:#D8E331 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor