

Converting Colors

Hex(D8E16E)

Have a look what the booklet for
Hex(D8E16E) contains.

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Color

Hex(D8E16E)

Conversions

Conversions Part 1

Format	Color
Hex	D8E16E
RGB	216, 225, 110
RGB Percent	85%, 88%, 43%
CMY	0.1529, 0.1176, 0.5686
CMYK	0.04, 0.00, 0.51, 0.12
HSL	65°, 66%, 66%
HSV	65°, 51%, 88%
XYZ	58.0586, 69.5751, 25.1212
YIQ	209.1990, 31.5510, -37.6730

Conversions

Conversions Part 2

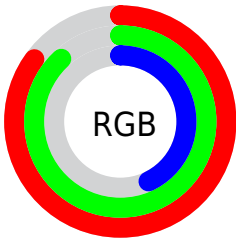
Format	Color
RYB	110, 225, 119
Decimal	14213486
CIELab	86.79, -18.81, 54.56
CIElCh	87, 57.707, 109.025
Yxy	69.5751, 0.3801, 0.4555
Android (android.graphics.Color)	4292403566 (0xFFD8E16E)
YUV	209.1990, -48.9051, 5.9645
Hunter-Lab	83.4117, -21.7259, 40.5318

Details

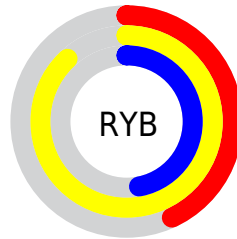
The Hex color **D8E16E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **776EE1**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFA4**, and **9FAA39** is the 20% darker color. If you saturate the color by 10%, you get **D6E158**, and if you desaturate by 10%, it is **DAE185**.

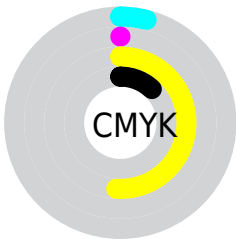
Distribution



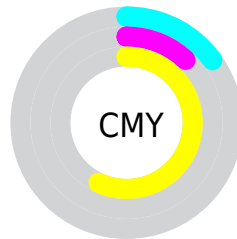
- Red (85%)
- Green (88%)
- Blue (43%)



- Red (43%)
- Yellow (88%)
- Blue (47%)



- Cyan (4%)
- Magenta (0%)
- Yellow (51%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8E16E 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 D8E16E by changing the saturation by 10% instead.

 D8E16E

FFFFFF

 FFFFA4

 FFFFC0

 FFFFDD

 FFFFFA

 D8E16E

 BBC554

 9FAA39

 838F1C

 687600

 4E5D00

 344600

 1A2F00

 001C00

 000000

 D8E16E

 D8E16E

 D6E158

 DAE185

 D4E141

 DCE19B

 D3E12B

 DDE1B2

 D1E114

 DFE1C8

 CFE100

 E1E1DF

 E3E1F5

 E4E1FF

 E6E1FF

 E8E1FF

Harmonies

Analogous

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



FFCF6C



D8E16E



99ED8F

Triad

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



D8E16E



00F1FF



FFAEF0

Complementary

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



D8E16E



776EE1

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.



FFBEFF



D8E16E



3FE5FF

Square

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



D8E16E



00F5FB



BED3FF



FFADB8

Rectangle

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



D8E16E



62F3B0



BED3FF



FFB2FF

Sweetspot

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



D8E16E



FCFFD9



E1766E



7E8069



000000



808080

Same Dimension

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



D8E16E



F3FF63



A0E16E



6F7065



A2B000



2D3000

Inverse Universe

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



776EE1



7063FF



AF6EE1



666570



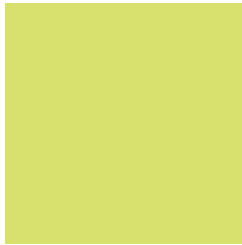
0E00B0



040030

Previews

White Background



This preview shows how the Hex color D8E16E looks on a white background.

Color Contrast Check

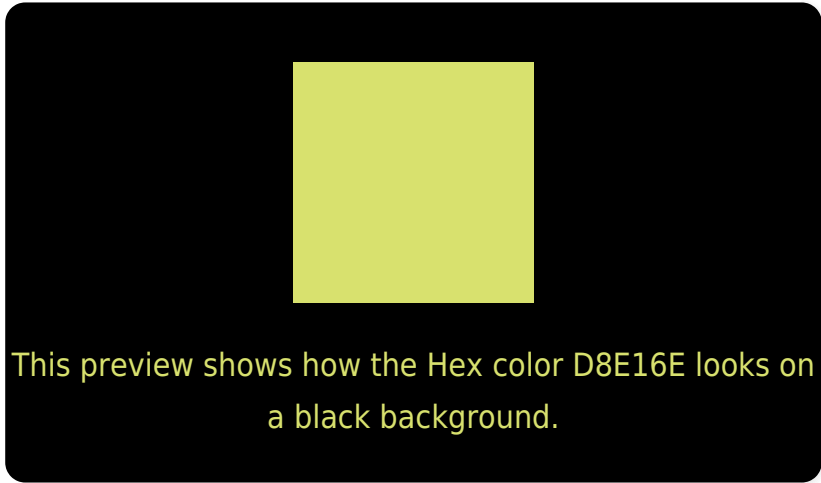
Large Text (above 18pt) WCAG AA × Fail

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 D8E16E Background



This preview shows how black text looks on a background with the Hex color D8E16E.

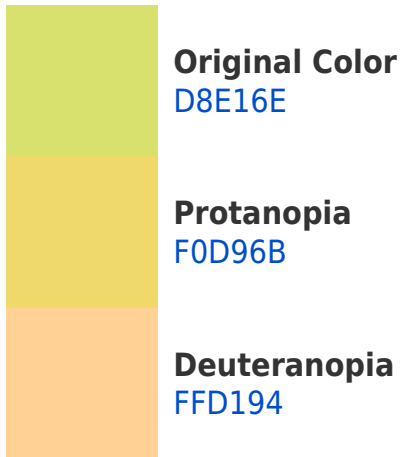


This preview shows how white text looks on a background with the Hex color D8E16E.

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](#).

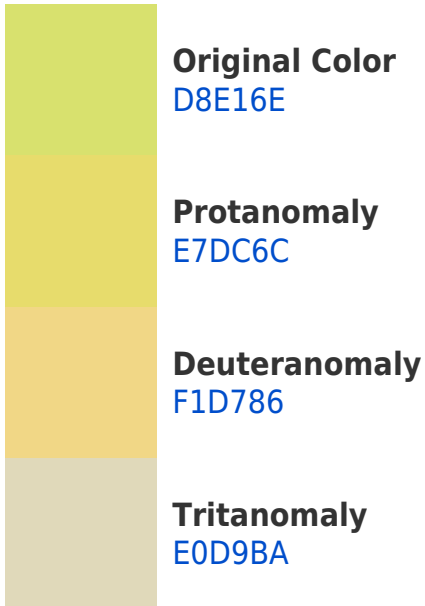
Dichromacy



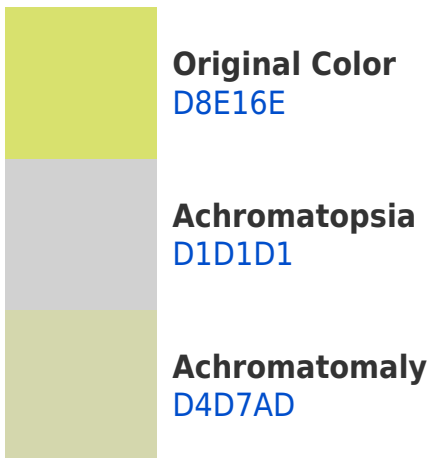


Tritanopia
E5D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8E16E 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 #D8E16E looks like.

```
.text, #text, p{  
    color:#D8E16E  
}
```

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 #D8E16E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8E16E
}
```

Border

The CSS property to change the border of an element to Hex D8E16E 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
#D8E16E }
```

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

```
.border{ border-color:#D8E16E }
```

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

Here you see how a box with a 4 pixel #D8E16E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8E16E; -webkit-box-shadow:4px 4px  
4px 4px #D8E16E; box-shadow:4px 4px 4px  
4px #D8E16E }
```

Background

The CSS property to change the background color of an element to Hex D8E16E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8E16E }
```

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

```
.background{ background-color:#D8E16E }
```

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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