

Converting Colors

Hex(D8EE61)

Have a look what the booklet for
Hex(D8EE61) contains.

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Color

Hex(D8EE61)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8EE61 |
| RGB | 216, 238, 97 |
| RGB Percent | 85%, 93%, 38% |
| CMY | 0.1529, 0.0667, 0.6196 |
| CMYK | 0.09, 0.00, 0.59, 0.07 |
| HSL | 69°, 81%, 66% |
| HSV | 69°, 59%, 93% |
| XYZ | 61.0511, 76.6111, 22.8789 |
| YIQ | 215.3480, 32.1490, -48.5150 |

Conversions

Conversions Part 2

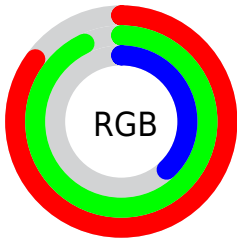
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 97, 238, 119 |
| Decimal | 14216801 |
| CIE Lab | 90.14, -26.10, 64.10 |
| CIE LCh | 90, 69.213, 112.156 |
| Yxy | 76.6111, 0.3803, 0.4772 |
| Android (android.graphics.Color) | 4292406881 (0xFFD8EE61) |
| YUV | 215.3480, -58.3456, 0.5718 |
| Hunter-Lab | 87.5277, -28.6688, 45.7716 |

Details

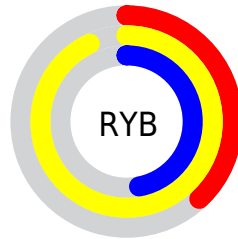
The Hex color **D8EE61** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7761EE**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF98**, and **9EB627** is the 20% darker color. If you saturate the color by 10%, you get **D4EE49**, and if you desaturate by 10%, it is **DCEE79**.

Distribution



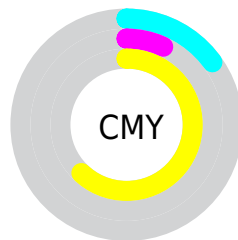
- Red (85%)
- Green (93%)
- Blue (38%)



- Red (38%)
- Yellow (93%)
- Blue (47%)



- Cyan (9%)
- Magenta (0%)
- Yellow (59%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8EE61 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 D8EE61 by changing the saturation by 10% instead.

 D8EE61

 D8EE61

FFFFFF

 BBD245

 FFFF98

 9EB627

 FFFF85

 829B00

 FFFF61

 678100

 FFFF45

 4C6800

 315000

 153900

 002400

 000100

 D8EE61

 D8EE61

 D4EE49

 DCEE79

 D1EE31

 DFEE91

 CDEE1A

 E3EEA8

 C9EE02

 E7EEC0

 C9EE00

 EBEE D8

 EEEEF0

 F2EEFF

 F6EEFF

 F9EEFF

Harmonies

Analogous

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



FFD95A



D8EE61



88FC8E

Triad

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



D8EE61



00DFF



FFABF7

Complementary

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



D8EE61



7761EE

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



D8EE61



00EFFF

Square

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



D8EE61



00FFFF



C9D8FF



FFACB5

Rectangle

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



D8EE61



21FFB8



C9D8FF



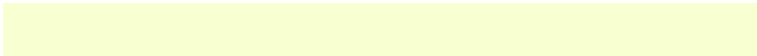
FFAFFF

Sweetspot

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



D8EE61



F8FFD1



EE7661



7B8063



000000



808080

Same Dimension

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



D8EE61



E3FF4A



92EE61



76786C



9BB800



2F3800

Inverse Universe

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



7761EE



664AFF



BD61EE



6E6C78



1D00B8



090038

Previews

White Background



This preview shows how the Hex color D8EE61 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 D8EE61 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 D8EE61 Background



This preview shows how black text looks on a background with the Hex color D8EE61.

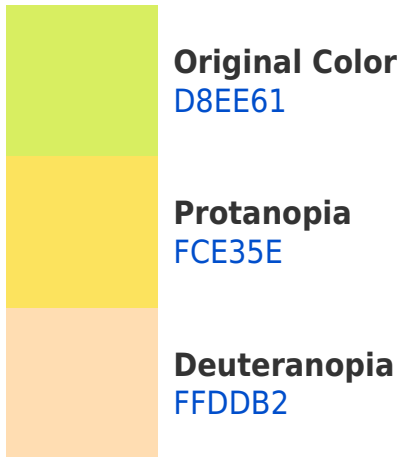


This preview shows how white text looks on a background with the Hex color D8EE61.

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](#).

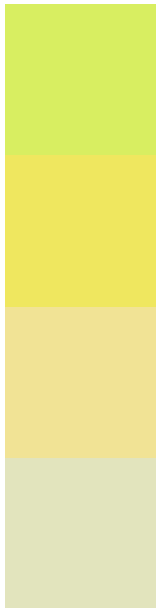
Dichromacy





Tritanopia
E7DFF1

Trichromacy



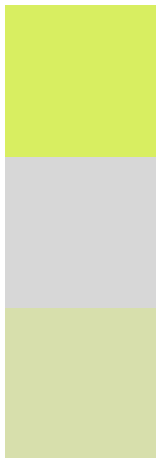
Original Color
D8EE61

Protanomaly
EFE75F

Deuteranomaly
F1E395

Tritanomaly
E2E4BD

Monochromacy



Original Color
D8EE61

Achromatopsia
D7D7D7

Achromatomaly
D7DFAC

CSS Examples

Text

The CSS property to change the color of the text to Hex D8EE61 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 #D8EE61 looks like.

```
.text, #text, p{  
    color:#D8EE61  
}
```

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 #D8EE61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8EE61
}
```

Border

The CSS property to change the border of an element to Hex D8EE61 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
#D8EE61 }
```

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

```
.border{ border-color:#D8EE61 }
```

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

Here you see how a box with a 4 pixel #D8EE61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8EE61; -webkit-box-shadow:4px 4px  
4px 4px #D8EE61; box-shadow:4px 4px 4px  
4px #D8EE61 }
```

Background

The CSS property to change the background color of an element to Hex D8EE61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8EE61 }
```

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

```
.background{ background-color:#D8EE61 }
```

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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