

Converting Colors

Hex(D2E489)

Have a look what the booklet for
Hex(D2E489) contains.

| | |
|--|----|
| Hex(D2E489) | 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(D2E489)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D2E489 |
| RGB | 210, 228, 137 |
| RGB Percent | 82%, 89%, 54% |
| CMY | 0.1765, 0.1059, 0.4627 |
| CMYK | 0.08, 0.00, 0.40, 0.11 |
| HSL | 72°, 63%, 72% |
| HSV | 72°, 40%, 89% |
| XYZ | 58.8371, 70.9946, 34.2692 |
| YIQ | 212.2440, 18.4830, -32.1170 |

Conversions

Conversions Part 2

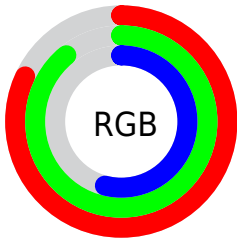
| Format | Color |
|-------------------------------------|---|
| RYB | 137, 228, 155 |
| Decimal | 13821065 |
| CIELab | 87.48, -19.92, 42.37 |
| CIELCh | 87, 46.821, 115.173 |
| Yxy | 70.9946, 0.3585, 0.4326 |
| Android (android.graphics.Color) | 4292011145 (0xFFD2E489) |
| YUV | 212.2440, -37.0953, -1.9680 |
| Hunter-Lab | 84.2583, -22.8064, 34.8666 |

Details

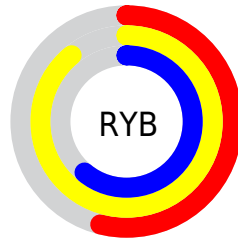
The Hex color **D2E489** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9B89E4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFC0**, and **9AAD55** is the 20% darker color. If you saturate the color by 10%, you get **CDE472**, and if you desaturate by 10%, it is **D7E4A0**.

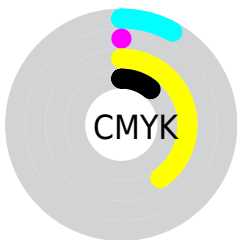
Distribution



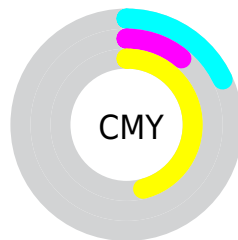
- Red (82%)
- Green (89%)
- Blue (54%)



- Red (54%)
- Yellow (89%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (40%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2E489 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 D2E489 by changing the saturation by 10% instead.

 D2E489

 D2E489

FFFFFF

 B6C86F

 FFFFC0

 9AAD55

 FFFFDC

 7F923C

 FFFFF9

 657823

 4B6006

 334800

 1A3100

 001D00

 000000

 D2E489

 D2E489

 CDE472

 D7E4A0

 C9E45B

 DBE4B7

 C4E445

 E0E4CD

 C0E42E

 E4E4E4

 BBE417

 E9E4FB

 B7E400

 EDE4FF

 F2E4FF

 F6E4FF

 FBE4FF

Harmonies

Analogous

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



FFD682



D2E489



9EEEA7

Triad

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



D2E489



33EDFF



FFB9E4

Complementary

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



D2E489



9B89E4

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.



FFC3FF



D2E489



8CE2FF

Square

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



D2E489



00F2FF



D6D2FF



FFBBB8

Rectangle

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



D2E489



76F1C3



D6D2FF



FFBBF3

Sweetspot

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



D2E489



F9FFE0



E49A89



7C806E



000000



808080

Same Dimension

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



D2E489



E7FF85



A6E489



707367



8FB300



293300

Inverse Universe

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



9B89E4



9D85FF



C789E4



6A6773



2300B3



0A0033

Previews

White Background



This preview shows how the Hex color D2E489 looks on a white background.

Color Contrast Check

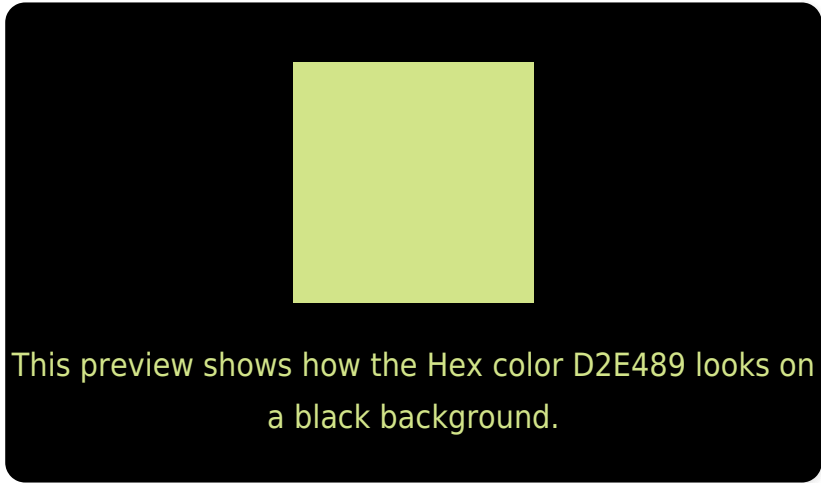
Large Text (above 18pt) WCAG AA × Fail

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

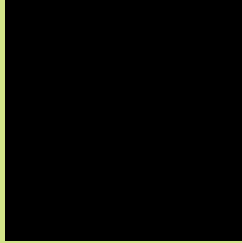
Any Text WCAG AA ✓ Pass

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 D2E489 Background



This preview shows how black text looks on a background with the Hex color D2E489.

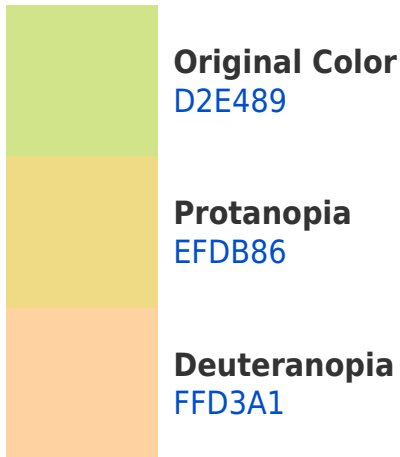


This preview shows how white text looks on a background with the Hex color D2E489.

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](#).

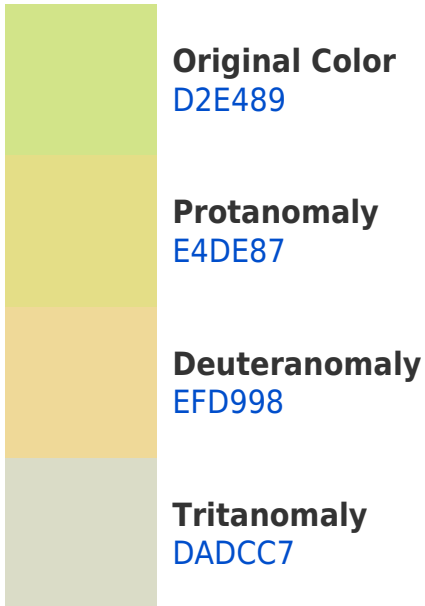
Dichromacy



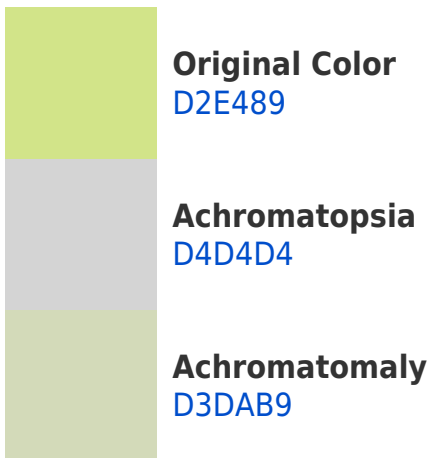


Tritanopia
DED8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2E489 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 #D2E489 looks like.

```
.text, #text, p{  
    color:#D2E489  
}
```

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 #D2E489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2E489
}
```

Border

The CSS property to change the border of an element to Hex D2E489 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
#D2E489 }
```

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

```
.border{ border-color:#D2E489 }
```

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

Here you see how a box with a 4 pixel #D2E489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2E489; -webkit-box-shadow:4px 4px  
4px 4px #D2E489; box-shadow:4px 4px 4px  
4px #D2E489 }
```

Background

The CSS property to change the background color of an element to Hex D2E489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2E489 }
```

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

```
.background{ background-color:#D2E489 }
```

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