

Converting Colors

Hex(DDE38A)

Have a look what the booklet for
Hex(DDE38A) contains.

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Color

Hex(DDE38A)

Conversions

Conversions Part 1

Format	Color
Hex	DDE38A
RGB	221, 227, 138
RGB Percent	87%, 89%, 54%
CMY	0.1333, 0.1098, 0.4588
CMYK	0.03, 0.00, 0.39, 0.11
HSL	64°, 61%, 72%
HSV	64°, 39%, 89%
XYZ	61.8753, 72.1453, 34.7090
YIQ	215.0600, 24.9930, -28.9510

Conversions

Conversions Part 2

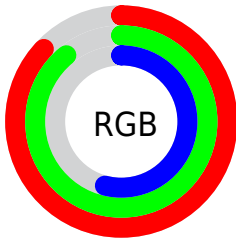
Format	Color
RYB	138, 227, 144
Decimal	14541706
CIELab	88.04, -15.10, 42.75
CIElCh	88, 45.342, 109.454
Yxy	72.1453, 0.3667, 0.4276
Android (android.graphics.Color)	4292731786 (0xFFDDE38A)
YUV	215.0600, -37.9906, 5.2094
Hunter-Lab	84.9384, -18.6098, 35.2288

Details

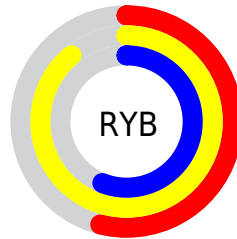
The Hex color **DDE38A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **908AE3**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFC1**, and **A5AC56** is the 20% darker color. If you saturate the color by 10%, you get **DBE373**, and if you desaturate by 10%, it is **DFE3A1**.

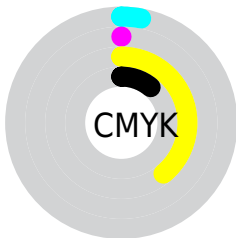
Distribution



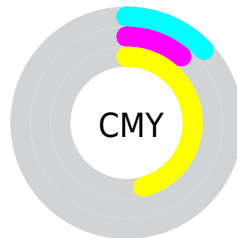
- Red (87%)
- Green (89%)
- Blue (54%)



- Red (54%)
- Yellow (89%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDE38A 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 DDE38A by changing the saturation by 10% instead.

 DDE38A

 DDE38A

FFFFFF

 C0C770

 FFFFC1

 A5AC56

 FFFFDD

 89913D

 FFFFFA

 6F7824

 555F07

 3C4700

 243100

 061D00

 000000

 DDE38A

 DDE38A

 DBE373

 DFE3A1

 DAE35D

 E0E3B7

 D8E346

 E2E3CE

 D7E32F

 E3E3E5

 D5E318

 E5E3FC

 D4E302

 E6E3FF

 D4E300

 E8E3FF

 E9E3FF

 EBE3FF

Harmonies

Analogous

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



FFD588



DDE38A



ACEDA3

Triad

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



DDE38A



38EFFF



FFBDEE

Complementary

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



DDE38A



908AE3

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.



FFC8FF



DDE38A



84E6FF

Square

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



DDE38A



36F4F8



CCD7FF



FFBCC2

Rectangle

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



DDE38A



87F2BD



CCD7FF



FFBFFC

Sweetspot

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



DDE38A



FDFFE0



E3908A



7E806E



000000



808080

Same Dimension

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



DDE38A



F7FF87



B1E38A



727367



A6B300



303300

Inverse Universe

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



908AE3



8F87FF



BC8AE3



686773



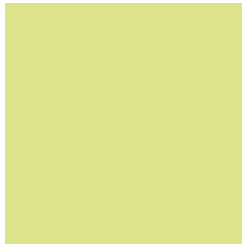
0C00B3



030033

Previews

White Background



This preview shows how the Hex color DDE38A looks on a white background.

Color Contrast Check

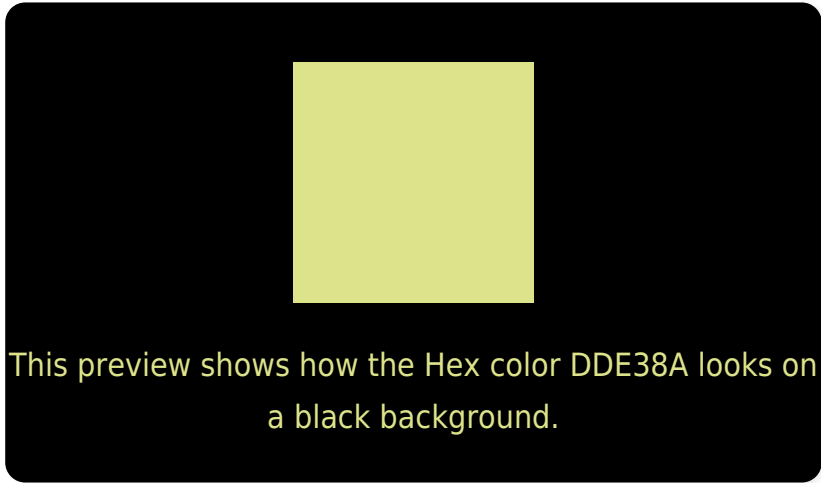
Large Text (above 18pt) WCAG AA × Fail

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

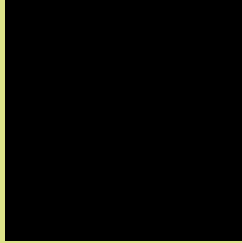
Any Text WCAG AA ✓ Pass

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 DDE38A Background



This preview shows how black text looks on a background with the Hex color DDE38A.

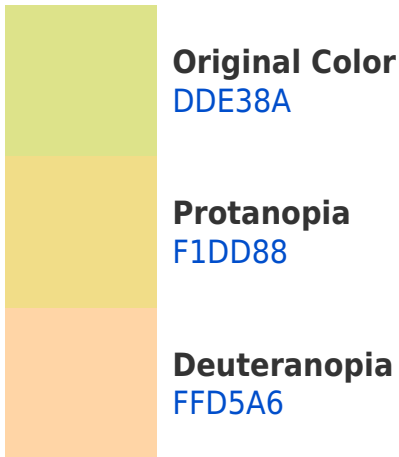


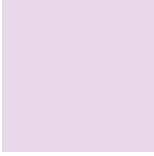
This preview shows how white text looks on a background with the Hex color DDE38A.

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](#).

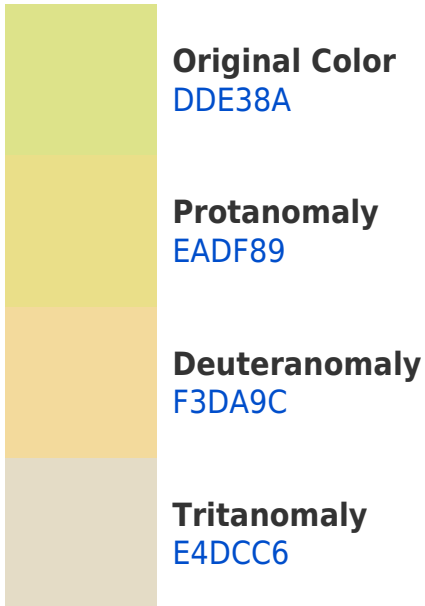
Dichromacy



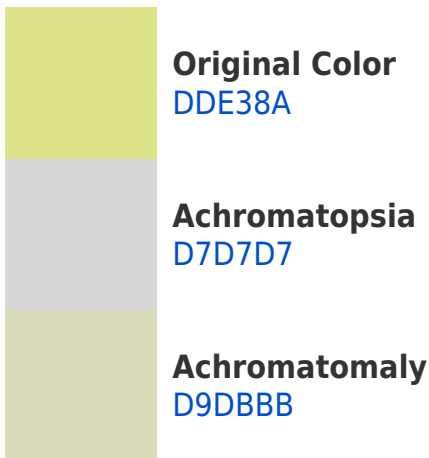


Tritanopia
E8D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDE38A 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 #DDE38A looks like.

```
.text, #text, p{  
    color:#DDE38A  
}
```

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 #DDE38A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDE38A
}
```

Border

The CSS property to change the border of an element to Hex DDE38A 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
#DDE38A }
```

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

```
.border{ border-color:#DDE38A }
```

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

Here you see how a box with a 4 pixel #DDE38A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDE38A; -webkit-box-shadow:4px 4px  
4px 4px #DDE38A; box-shadow:4px 4px 4px  
4px #DDE38A }
```

Background

The CSS property to change the background color of an element to Hex DDE38A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDE38A }
```

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

```
.background{ background-color:#DDE38A }
```

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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