

Converting Colors

Hex(D9E6A6)

Have a look what the booklet for
Hex(D9E6A6) contains.

Hex(D9E6A6)	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(D9E6A6)

Conversions

Conversions Part 1

Format	Color
Hex	D9E6A6
RGB	217, 230, 166
RGB Percent	85%, 90%, 65%
CMY	0.1490, 0.0980, 0.3490
CMYK	0.06, 0.00, 0.28, 0.10
HSL	72°, 56%, 78%
HSV	72°, 28%, 90%
XYZ	63.7950, 74.0985, 47.0165
YIQ	218.8170, 12.7960, -22.6600

Conversions

Conversions Part 2

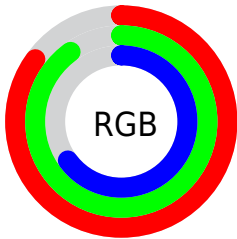
Format	Color
RYB	166, 230, 179
Decimal	14280358
CIELab	88.97, -14.68, 29.81
CIELCh	89, 33.229, 116.209
Yxy	74.0985, 0.3450, 0.4007
Android (android.graphics.Color)	4292470438 (0xFFD9E6A6)
YUV	218.8170, -26.0388, -1.5935
Hunter-Lab	86.0805, -18.3529, 27.8726

Details

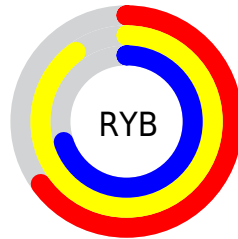
The Hex color **D9E6A6** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B3A6E6**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFDD**, and **A1AF72** is the 20% darker color. If you saturate the color by 10%, you get **D4E68F**, and if you desaturate by 10%, it is **DEE6BD**.

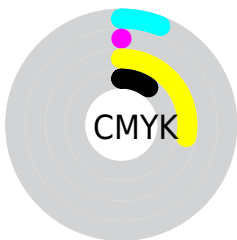
Distribution



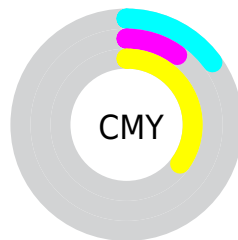
- Red (85%)
- Green (90%)
- Blue (65%)



- Red (65%)
- Yellow (90%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9E6A6 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 D9E6A6 by changing the saturation by 10% instead.

 D9E6A6

 D9E6A6

FFFFFF

 BDCA8B

 FFFFDD

 A1AF72

 FFFFFA

 879459

 6D7A40

 546129

 3C4912

 253300

 0C1E00

 000000

 D9E6A6

 D9E6A6

 D4E68F

 DEE6BD

 D0E678

 E2E6D4

 CBE661

 E7E6EB

 C6E64A

 ECE6FF

 C2E633

 F0E6FF

 BDE61C

 F5E6FF

 B8E605

 FAE6FF

 B7E600

 FEE6FF

 FFE6FF

Harmonies

Analogous

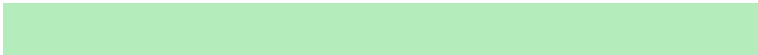
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FADCA0



D9E6A6



B4EDBB

Triad

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



D9E6A6



8BECFF



FFC9E5

Complementary

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



D9E6A6



B3A6E6

Split Complementary

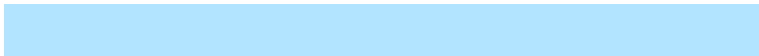
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCEFF



D9E6A6



B2E4FF

Square

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



D9E6A6



7FF1FA



DFD9FF



FFCAC5

Rectangle

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



D9E6A6



9DF0CF



DFD9FF



FFCAEF

Sweetspot

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



D9E6A6



FBFFEB



E6B3A6



7D8073



000000



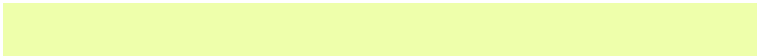
808080

Same Dimension

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



D9E6A6



EEFFAB



B9E6A6



707367



8EB300



293300

Inverse Universe

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



B3A6E6



BCABFF



D3A6E6



6A6773



2400B3



0A0033

Previews

White Background



This preview shows how the Hex color D9E6A6 looks on a white background.

Color Contrast Check

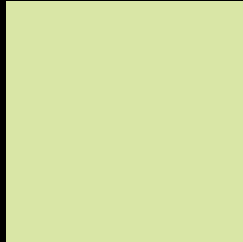
Large Text (above 18pt) WCAG AA × Fail

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 D9E6A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

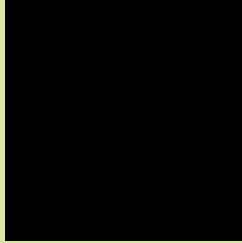
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

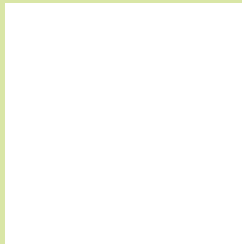
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D9E6A6 Background



This preview shows how black text looks on a background with the Hex color D9E6A6.

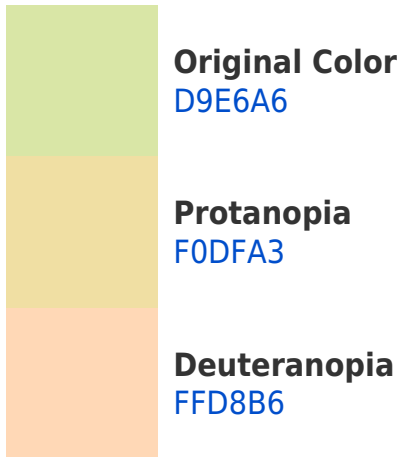


This preview shows how white text looks on a background with the Hex color D9E6A6.

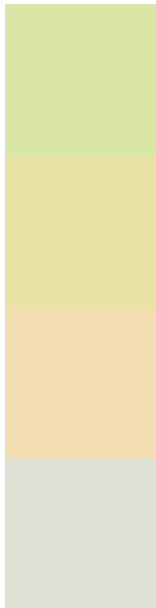
Color Blindness Simulation

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



Trichromacy



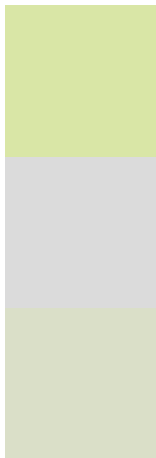
Original Color
D9E6A6

Protanomaly
E8E2A4

Deuteranomaly
F1DDB0

Tritanomaly
DFE0D4

Monochromacy



Original Color
D9E6A6

Achromatopsia
DBDBDB

Achromatomaly
DADFC8

CSS Examples

Text

The CSS property to change the color of the text to Hex D9E6A6 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 #D9E6A6 looks like.

```
.text, #text, p{  
    color:#D9E6A6  
}
```

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 #D9E6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9E6A6
}
```

Border

The CSS property to change the border of an element to Hex D9E6A6 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
#D9E6A6 }
```

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

```
.border{ border-color:#D9E6A6 }
```

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

Here you see how a box with a 4 pixel #D9E6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9E6A6; -webkit-box-shadow:4px 4px  
4px 4px #D9E6A6; box-shadow:4px 4px 4px  
4px #D9E6A6 }
```

Background

The CSS property to change the background color of an element to Hex D9E6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9E6A6 }
```

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

```
.background{ background-color:#D9E6A6 }
```

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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