

Converting Colors

Hex(DBEEA7)

Have a look what the booklet for
Hex(DBEEA7) contains.

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Color

Hex(DBEEA7)

Conversions

Conversions Part 1

Format	Color
Hex	DBEEA7
RGB	219, 238, 167
RGB Percent	86%, 93%, 65%
CMY	0.1412, 0.0667, 0.3451
CMYK	0.08, 0.00, 0.30, 0.07
HSL	76°, 68%, 79%
HSV	76°, 30%, 93%
XYZ	66.7630, 78.9992, 48.2888
YIQ	224.2250, 11.4670, -26.1090

Conversions

Conversions Part 2

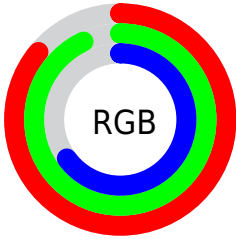
Format	Color
RYB	167, 238, 186
Decimal	14413479
CIELab	91.23, -17.75, 32.37
CIElCh	91, 36.915, 118.743
Yxy	78.9992, 0.3440, 0.4071
Android (android.graphics.Color)	4292603559 (0xFFDBEEA7)
YUV	224.2250, -28.2119, -4.5823
Hunter-Lab	88.8815, -21.4629, 30.0051

Details

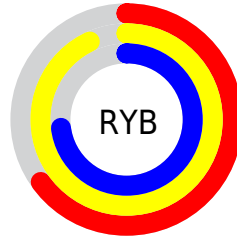
The Hex color **DBEEA7** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **BAA7EE**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFDF**, and **A3B672** is the 20% darker color. If you saturate the color by 10%, you get **D5EE8F**, and if you desaturate by 10%, it is **E1EEBF**.

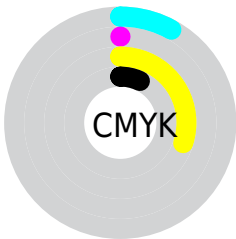
Distribution



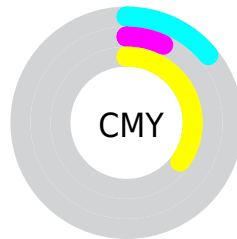
- Red (86%)
- Green (93%)
- Blue (65%)



- Red (65%)
- Yellow (93%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBEEA7 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 DBEEA7 by changing the saturation by 10% instead.

 DBEEA7

 DBEEA7

FFFFFF

 BFD28C

 FFFFDF

 A3B672

 FFFFFB

 889B59

 6E8141

 556829

 3D5012

 263900

 0E2300

 000800

 DBEEA7

 DBEEA7

 D5EE8F

 E1EEBF

 CEEE77

 E8EED7

 C8EE60

 EEEEE

 C2EE48

 F4EEFF

 BBEE30

 FBEEFF

 B5EE18

 FFEEFF

 AEEE00

Harmonies

Analogous

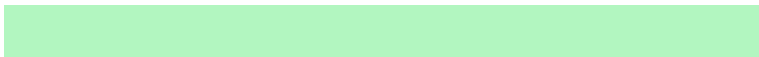
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE39F



DBEEA7



B2F6C0

Triad

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



DBEEA7



87F3FF



FFCCE9

Complementary

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



DBEEA7



BAA7EE

Split Complementary

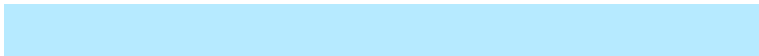
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD2FF



DBEEA7



B6EAFB

Square

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



DBEEA7



75F9FF



E9DDFF



FFCEC6

Rectangle

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



DBEEA7



97F9D7



E9DDFF



FFCDF5

Sweetspot

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



DBEEA7



F9FFE8



EEBAA7



7C8071



000000



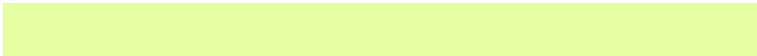
808080

Same Dimension

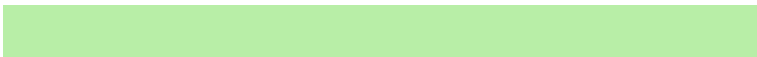
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DBEEA7



E6FFA3



B8EEA7



75786C



86B800



293800

Inverse Universe

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



BAA7EE



BCA3FF



DDA7EE



6F6C78



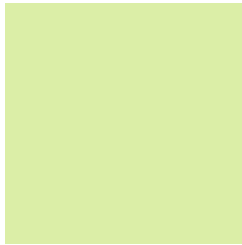
3100B8



0F0038

Previews

White Background



This preview shows how the Hex color DBEEA7 looks on a white background.

Color Contrast Check

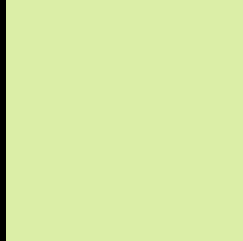
Large Text (above 18pt) WCAG AA × Fail

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 DBEEA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

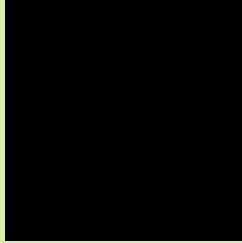
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

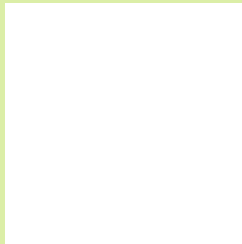
Any Text WCAG AAA ✓ Pass

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

Hex DBEEA7 Background



This preview shows how black text looks on a background with the Hex color DBEEA7.

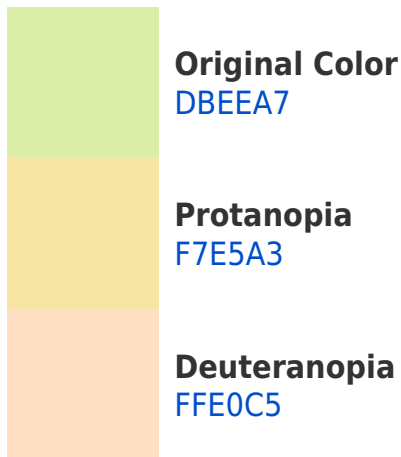


This preview shows how white text looks on a background with the Hex color DBEEA7.

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](#).

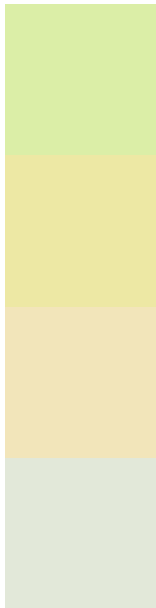
Dichromacy





Tritanopia
E6E4F6

Trichromacy



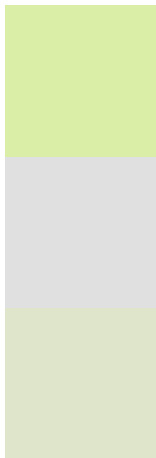
Original Color
DBEEA7

Protanomaly
EDE8A4

Deuteranomaly
F2E5BA

Tritanomaly
E2E8D9

Monochromacy



Original Color
DBEEA7

Achromatopsia
E0E0E0

Achromatomaly
DEE5CB

CSS Examples

Text

The CSS property to change the color of the text to Hex DBEEA7 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 #DBEEA7 looks like.

```
.text, #text, p{  
    color:#DBEEA7  
}
```

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 #DBEEA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBEEA7  
}
```

Border

The CSS property to change the border of an element to Hex DBEEA7 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  
#DBEEA7 }
```

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

```
.border{ border-color:#DBEEA7 }
```

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

Here you see how a box with a 4 pixel #DBEEA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBEEA7; -webkit-box-shadow:4px 4px  
4px 4px #DBEEA7; box-shadow:4px 4px 4px  
4px #DBEEA7 }
```

Background

The CSS property to change the background color of an element to Hex DBEEA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBEEA7 }
```

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

```
.background{ background-color:#DBEEA7 }
```

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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