

Converting Colors

Hex(DBEEA2)

Have a look what the booklet for
Hex(DBEEA2) contains.

Hex(DBEEA2)	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(DBEEA2)

Conversions

Conversions Part 1

Format	Color
Hex	DBEEA2
RGB	219, 238, 162
RGB Percent	86%, 93%, 64%
CMY	0.1412, 0.0667, 0.3647
CMYK	0.08, 0.00, 0.32, 0.07
HSL	75°, 69%, 78%
HSV	75°, 32%, 93%
XYZ	66.3095, 78.8178, 45.9009
YIQ	223.6550, 13.0720, -27.6640

Conversions

Conversions Part 2

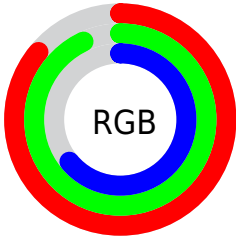
Format	Color
RYB	162, 238, 181
Decimal	14413474
CIELab	91.15, -18.41, 34.78
CIElCh	91, 39.352, 117.888
Yxy	78.8178, 0.3471, 0.4126
Android (android.graphics.Color)	4292603554 (0xFFDBEEA2)
YUV	223.6550, -30.3959, -4.0824
Hunter-Lab	88.7794, -22.0418, 31.4913

Details

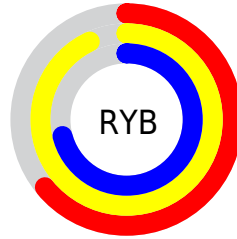
The Hex color **DBEEA2** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B5A2EE**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFD9**, and **A3B66D** is the 20% darker color. If you saturate the color by 10%, you get **D5EE8A**, and if you desaturate by 10%, it is **E1EEBA**.

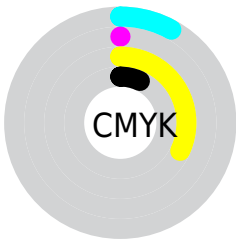
Distribution



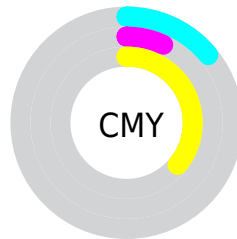
- Red (86%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (32%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBEEA2 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 DBEEA2 by changing the saturation by 10% instead.

 DBEEA2

 DBEEA2

FFFFFF

 BFD287

 FFFFD9

 A3B66D

 FFFFF6

 889B54

 6E813C

 556824

 3C500B

 263900

 0C2300

 000800

 DBEEA2

 DBEEA2

 D5EE8A

 E1EEBA

 CFEE72

 E7EED2

 C9EE5B

 EDEEE9

 C3EE43

 F3EEFF

 BDEE2B

 F9EEFF

 B7EE13

 FFEEFF

 B2EE00

Harmonies

Analogous

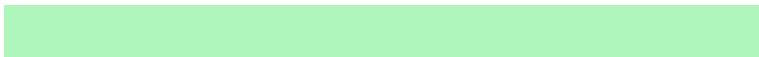
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE29A



DBEEA2



AFF6BC

Triad

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



DBEEA2



7BF4FF



FFCAEA

Complementary

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



DBEEA2



B5A2EE

Split Complementary

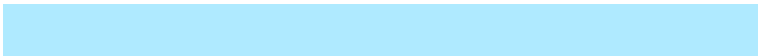
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD0FF



DBEEA2



AFEAFF

Square

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



DBEEA2



68FAFF



E7DDFF



FFCC4

Rectangle

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



DBEEA2



92F9D5



E7DDFF



FFCBF7

Sweetspot

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



DBEEA2



F9FFE6



EEB5A2



7C8070



000000



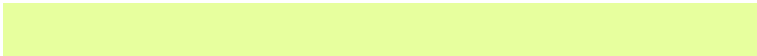
808080

Same Dimension

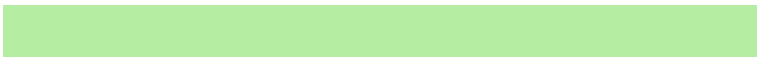
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DBEEA2



E7FF9E



B5EEA2



75786C



8AB800



2A3800

Inverse Universe

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



B5A2EE



B69EFF



DBA2EE



6F6C78



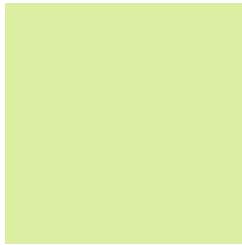
2E00B8



0E0038

Previews

White Background



This preview shows how the Hex color DBEEA2 looks on a white background.

Color Contrast Check

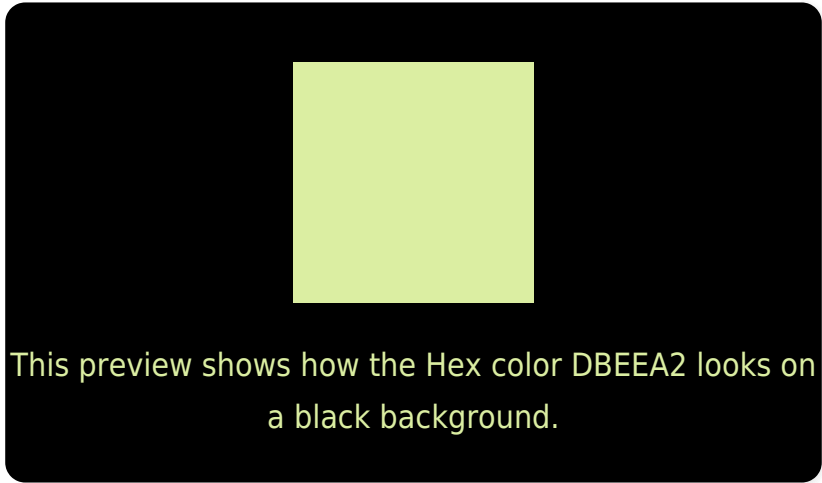
Large Text (above 18pt) WCAG AA × Fail

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

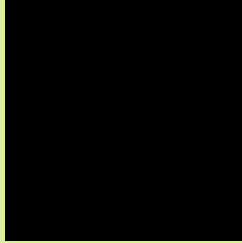
Any Text WCAG AA ✓ Pass

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 DBEEA2 Background



This preview shows how black text looks on a background with the Hex color DBEEA2.



This preview shows how white text looks on a background with the Hex color DBEEA2.

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
E6E3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBEEA2 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 #DBEEA2 looks like.

```
.text, #text, p{  
    color:#DBEEA2  
}
```

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 #DBEEA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBEEA2
}
```

Border

The CSS property to change the border of an element to Hex DBEEA2 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
#DBEEA2 }
```

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

```
.border{ border-color:#DBEEA2 }
```

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

Here you see how a box with a 4 pixel #DBEEA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBEEA2; -webkit-box-shadow:4px 4px  
4px 4px #DBEEA2; box-shadow:4px 4px 4px  
4px #DBEEA2 }
```

Background

The CSS property to change the background color of an element to Hex DBEEA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBEEA2 }
```

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

```
.background{ background-color:#DBEEA2 }
```

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