

Converting Colors

Hex(DBEE68)

Have a look what the booklet for
Hex(DBEE68) contains.

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Color

Hex(DBEE68)

Conversions

Conversions Part 1

Format	Color
Hex	DBEE68
RGB	219, 238, 104
RGB Percent	86%, 93%, 41%
CMY	0.1412, 0.0667, 0.5922
CMYK	0.08, 0.00, 0.56, 0.07
HSL	69°, 80%, 67%
HSV	69°, 56%, 93%
XYZ	62.2866, 77.2086, 24.7166
YIQ	217.0430, 31.6900, -45.7020

Conversions

Conversions Part 2

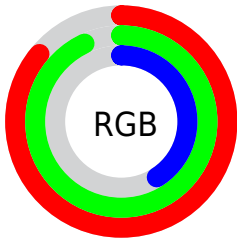
Format	Color
RYB	104, 238, 123
Decimal	14413416
CIELab	90.42, -24.40, 61.47
CIELCh	90, 66.139, 111.646
Yxy	77.2086, 0.3793, 0.4702
Android (android.graphics.Color)	4292603496 (0xFFDBEE68)
YUV	217.0430, -55.7302, 1.7163
Hunter-Lab	87.8684, -27.2378, 44.8302

Details

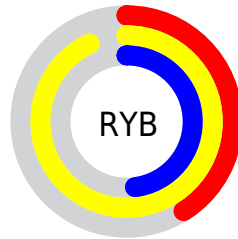
The Hex color **DBEE68** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7B68EE**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF9F**, and **A1B630** is the 20% darker color. If you saturate the color by 10%, you get **D8EE50**, and if you desaturate by 10%, it is **DEEE80**.

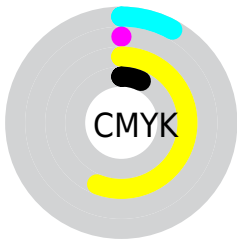
Distribution



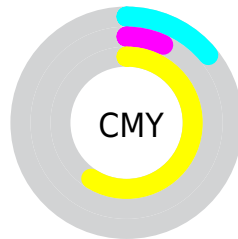
- Red (86%)
- Green (93%)
- Blue (41%)



- Red (41%)
- Yellow (93%)
- Blue (48%)



- Cyan (8%)
- Magenta (0%)
- Yellow (56%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBEE68 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 DBEE68 by changing the saturation by 10% instead.

 DBEE68

 DBEE68

FFFFFF

 BED24D

 FFFF9F

 A1B630

 FFFFBB

 859B0C

 FFFFD8

 6A8100

 FFFFF5

 4F6800

 355000

 193900

 002400

 000300

 DBEE68

 DBEE68

 D8EE50

 DEEE80

 D4EE38

 E2EE98

 D1EE21

 E5EEAF

 CEEE09

 E8EEC7

 CCEE00

 ECEEDF

 EFEEF7

 F3EEFF

 F6EEFF

 F9EEFF

Harmonies

Analogous

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



FFDA62



DBEE68



8FFB92

Triad

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



DBEE68



00DFF



FFAFF8

Complementary

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



DBEE68



7B68EE

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.



FFC1FF



DBEE68



00F0FF

Square

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



DBEE68



00FFFF



CADAFF



FFB0B8

Rectangle

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



DBEE68



3FFFB9



CADAFF



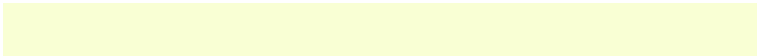
FFB3FF

Sweetspot

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



DBEE68



F9FFD4



EE7A68



7C8066



000000



808080

Same Dimension

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



DBEE68



E6FF52



99EE68



76786C



9EB800



303800

Inverse Universe

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



7B68EE



6A52FF



BD68EE



6E6C78



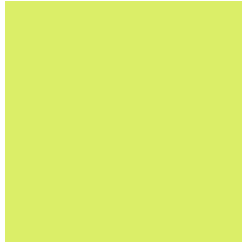
1A00B8



080038

Previews

White Background



This preview shows how the Hex color DBEE68 looks on a white background.

Color Contrast Check

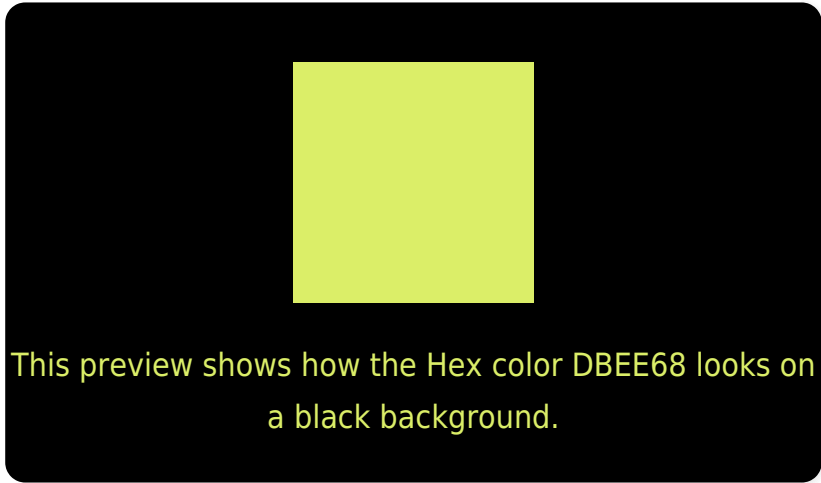
Large Text (above 18pt) WCAG AA × Fail

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 DBEE68 Background



This preview shows how black text looks on a background with the Hex color DBEE68.

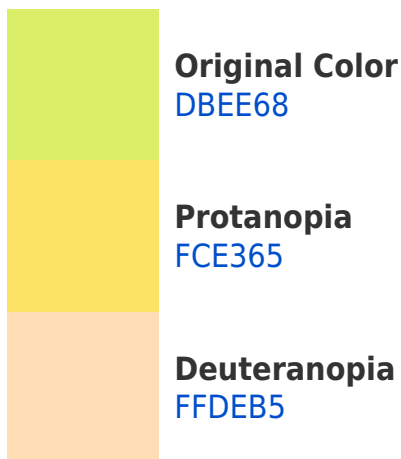


This preview shows how white text looks on a background with the Hex color DBEE68.

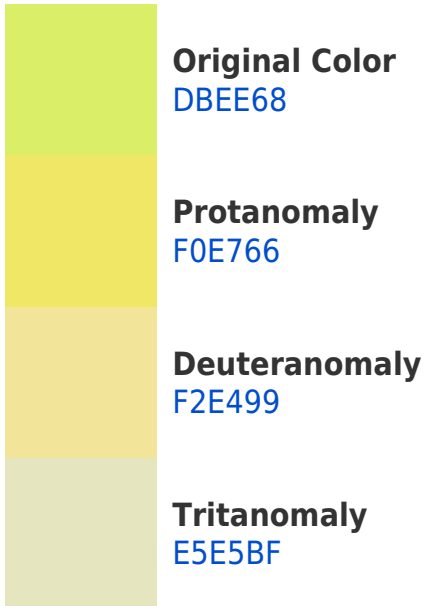
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBEE68 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 #DBEE68 looks like.

```
.text, #text, p{  
    color:#DBEE68  
}
```

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 #DBEE68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBEE68  
}
```

Border

The CSS property to change the border of an element to Hex DBEE68 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  
#DBEE68 }
```

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

```
.border{ border-color:#DBEE68 }
```

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

Here you see how a box with a 4 pixel #DBEE68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBEE68; -webkit-box-shadow:4px 4px  
4px 4px #DBEE68; box-shadow:4px 4px 4px  
4px #DBEE68 }
```

Background

The CSS property to change the background color of an element to Hex DBEE68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBEE68 }
```

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

```
.background{ background-color:#DBEE68 }
```

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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