

Converting Colors

Hex(DBE287)

Have a look what the booklet for
Hex(DBE287) contains.

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Color

Hex(DBE287)

Conversions

Conversions Part 1

Format	Color
Hex	DBE287
RGB	219, 226, 135
RGB Percent	86%, 89%, 53%
CMY	0.1412, 0.1137, 0.4706
CMYK	0.03, 0.00, 0.40, 0.11
HSL	65°, 61%, 71%
HSV	65°, 40%, 89%
XYZ	60.7829, 71.2021, 33.4614
YIQ	213.5330, 25.0390, -29.7850

Conversions

Conversions Part 2

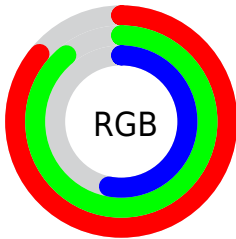
Format	Color
RYB	135, 226, 142
Decimal	14410375
CIELab	87.58, -15.70, 43.63
CIELCh	88, 46.366, 109.797
Yxy	71.2021, 0.3674, 0.4304
Android (android.graphics.Color)	4292600455 (0xFFDBE287)
YUV	213.5330, -38.7168, 4.7946
Hunter-Lab	84.3813, -19.0872, 35.5554

Details

The Hex color **DBE287** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8E87E2**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFBD**, and **A3AB53** is the 20% darker color. If you saturate the color by 10%, you get **D9E270**, and if you desaturate by 10%, it is **DDE29E**.

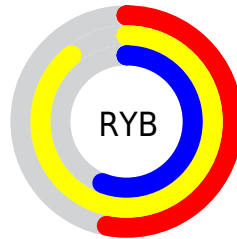
Distribution



Red (86%)

Green (89%)

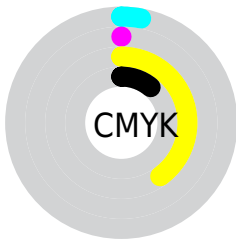
Blue (53%)



Red (53%)

Yellow (89%)

Blue (56%)

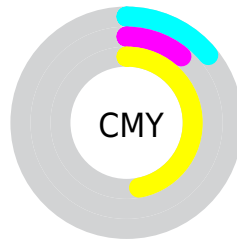


Cyan (3%)

Magenta (0%)

Yellow (40%)

Black (11%)



Cyan (14%)

Magenta (11%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBE287 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 DBE287 by changing the saturation by 10% instead.

 DBE287

FFFFFF

 FFFFBD

 FFFFDA

 FFFFF7

 DBE287

 BEC66D

 A3AB53

 87903A

 6D7721

 535E03

 3A4600

 223000

 021C00

 000000

 DBE287

 DBE287

 D9E270

 DDE29E

 D8E25A

 DEE2B4

 D6E243

 E0E2CB

 D4E22D

 E2E2E1

 D2E216

 E4E2F8

 D1E200

 E5E2FF

 E7E2FF

 E9E2FF

 EBE2FF

Harmonies

Analogous

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



FFD485



DBE287



A8ECA1

Triad

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



DBE287



28EEFF



FFBBED

Complementary

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



DBE287



8E87E2

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.



FFC6FF



DBE287



80E4FF

Square

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



DBE287



25F3F8



CAD6FF



FFBAC0

Rectangle

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



DBE287



83F1BC



CAD6FF



FFBDFB

Sweetspot

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



DBE287



FDFFE0



E28D87



7E806E



000000



808080

Same Dimension

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



DBE287



F6FF85



AEE287



6F7065



A2B000



2D3000

Inverse Universe

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



8E87E2



8E85FF



BB87E2



666570



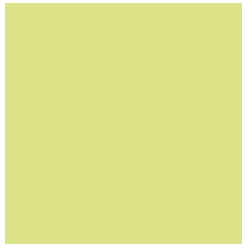
0E00B0



040030

Previews

White Background



This preview shows how the Hex color DBE287 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 DBE287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

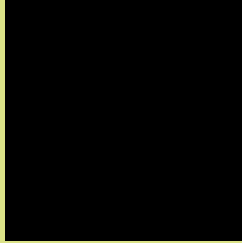
Any Text WCAG AA ✓ Pass

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 DBE287 Background



This preview shows how black text looks on a background with the Hex color DBE287.

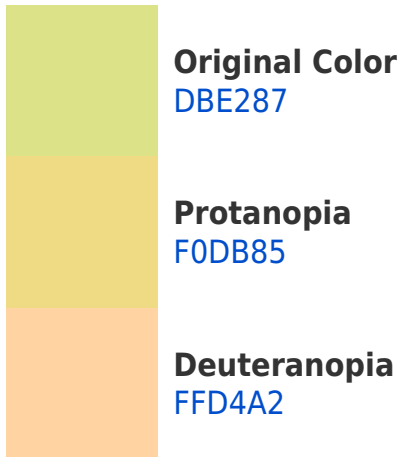


This preview shows how white text looks on a background with the Hex color DBE287.

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



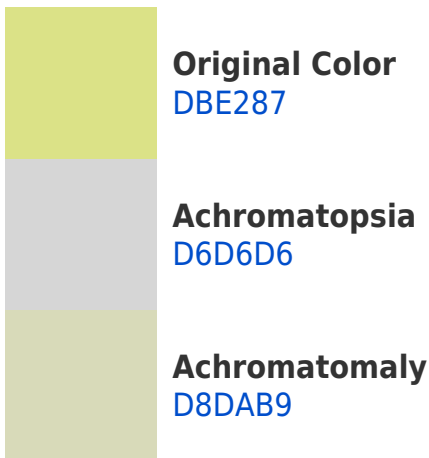


Tritanopia
E6D7E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBE287 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 #DBE287 looks like.

```
.text, #text, p{  
    color:#DBE287  
}
```

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 #DBE287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBE287
}
```

Border

The CSS property to change the border of an element to Hex DBE287 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
#DBE287 }
```

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

```
.border{ border-color:#DBE287 }
```

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

Here you see how a box with a 4 pixel #DBE287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBE287; -webkit-box-shadow:4px 4px  
4px 4px #DBE287; box-shadow:4px 4px 4px  
4px #DBE287 }
```

Background

The CSS property to change the background color of an element to Hex DBE287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBE287 }
```

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

```
.background{ background-color:#DBE287 }
```

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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