

Converting Colors

Hex(DBE484)

Have a look what the booklet for
Hex(DBE484) contains.

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Color

Hex(DBE484)

Conversions

Conversions Part 1

Format	Color
Hex	DBE484
RGB	219, 228, 132
RGB Percent	86%, 89%, 52%
CMY	0.1412, 0.1059, 0.4824
CMYK	0.04, 0.00, 0.42, 0.11
HSL	66°, 64%, 71%
HSV	66°, 42%, 89%
XYZ	61.1217, 72.2128, 32.5468
YIQ	214.3650, 25.4520, -31.7640

Conversions

Conversions Part 2

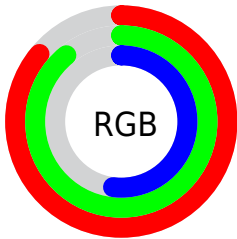
Format	Color
RYB	132, 228, 141
Decimal	14410884
CIELab	88.07, -17.01, 45.71
CIELCh	88, 48.769, 110.410
Yxy	72.2128, 0.3685, 0.4353
Android (android.graphics.Color)	4292600964 (0xFFDBE484)
YUV	214.3650, -40.6059, 4.0649
Hunter-Lab	84.9781, -20.3232, 36.7765

Details

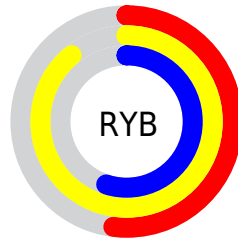
The Hex color **DBE484** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8D84E4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFBA**, and **A2AD50** is the 20% darker color. If you saturate the color by 10%, you get **D9E46D**, and if you desaturate by 10%, it is **DDE49B**.

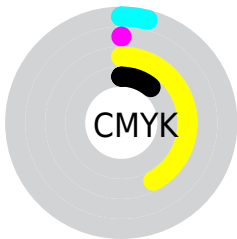
Distribution



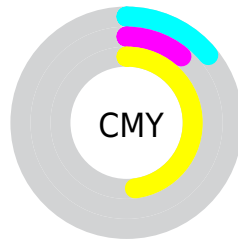
- Red (86%)
- Green (89%)
- Blue (52%)



- Red (52%)
- Yellow (89%)
- Blue (55%)



- Cyan (4%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBE484 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 DBE484 by changing the saturation by 10% instead.

 DBE484

 DBE484

FFFFFF

 BEC86A

 FFFFBA

 A2AD50

 FFFFD7

 879237


 FFFFF4

 6D781D

 536000

 3A4800

 213200

 011D00

 000000

 DBE484

 DBE484

 D9E46D

 DDE49B

 D7E456

 DFE4B2

 D5E440

 E1E4C8

 D2E429

 E4E4DF

 D0E412

 E6E4F6

 CFE400

 E8E4FF

 EAE4FF

 ECE4FF

 EEE4FF

Harmonies

Analogous

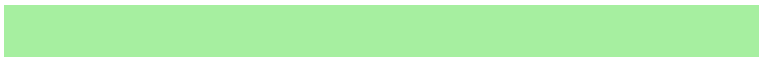
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD581



DBE484



A6EFA0

Triad

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



DBE484



00F1FF



FFBAEE

Complementary

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



DBE484



8D84E4

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.



FFC5FF



DBE484



7AE6FF

Square

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



DBE484



00F5FC



CCD6FF



FFBABF

Rectangle

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



DBE484



7DF3BC



CCD6FF



FFBDFD

Sweetspot

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



DBE484



FCFFDE



E48C84



7E806B



000000



808080

Same Dimension

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



DBE484



F3FF7D



ACE484



727367



A2B300



2E3300

Inverse Universe

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



8D84E4



897DFF



BC84E4



686773



1100B3



050033

Previews

White Background



This preview shows how the Hex color DBE484 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 DBE484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

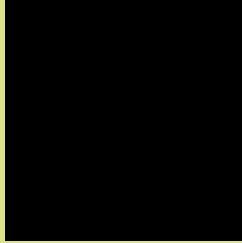
Any Text WCAG AA ✓ Pass

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 DBE484 Background



This preview shows how black text looks on a background with the Hex color DBE484.

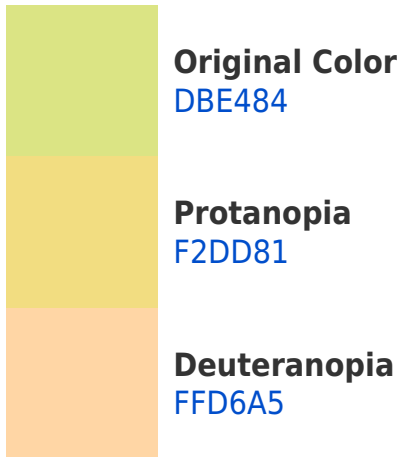


This preview shows how white text looks on a background with the Hex color DBE484.

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](#).

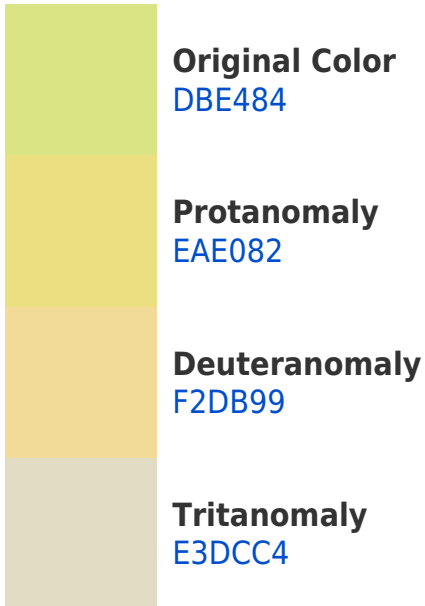
Dichromacy



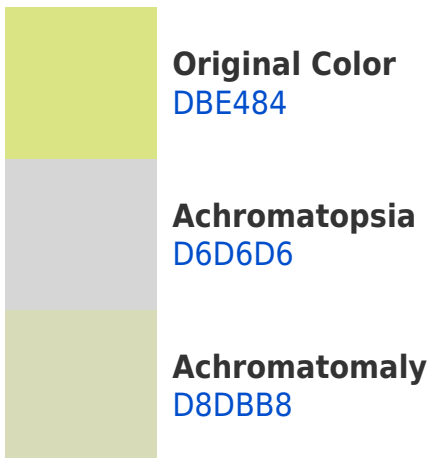


Tritanopia
E7D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBE484 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 #DBE484 looks like.

```
.text, #text, p{  
    color:#DBE484  
}
```

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 #DBE484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBE484
}
```

Border

The CSS property to change the border of an element to Hex DBE484 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
#DBE484 }
```

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

```
.border{ border-color:#DBE484 }
```

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

Here you see how a box with a 4 pixel #DBE484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBE484; -webkit-box-shadow:4px 4px  
4px 4px #DBE484; box-shadow:4px 4px 4px  
4px #DBE484 }
```

Background

The CSS property to change the background color of an element to Hex DBE484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBE484 }
```

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

```
.background{ background-color:#DBE484 }
```

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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