

# Converting Colors

Hex(DBE979)

Have a look what the booklet for  
Hex(DBE979) contains.

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**Color**

**Hex(DBE979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBE979
RGB	219, 233, 121
RGB Percent	86%, 91%, 47%
CMY	0.1412, 0.0863, 0.5255
CMYK	0.06, 0.00, 0.48, 0.09
HSL	68°, 72%, 69%
HSV	68°, 48%, 91%
XYZ	61.8035, 74.7184, 29.2539
YIQ	216.0460, 27.6080, -37.8000

# Conversions

## Conversions Part 2

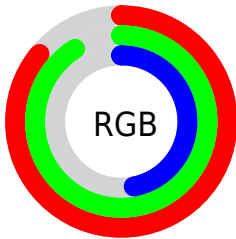
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 233, 135
Decimal	14412153
CIELab	89.26, -20.54, 52.43
CIELCh	89, 56.309, 111.391
Yxy	74.7184, 0.3728, 0.4507
Android (android.graphics.Color)	4292602233 (0xFFDBE979)
YUV	216.0460, -46.8577, 2.5907
Hunter-Lab	86.4398, -23.6440, 40.4423

# Details

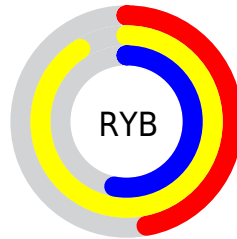
The Hex color **DBE979** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8779E9**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFB0**, and **A2B144** is the 20% darker color. If you saturate the color by 10%, you get **D8E962**, and if you desaturate by 10%, it is **DEE990**.

# Distribution



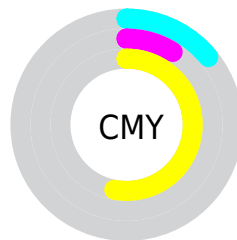
- Red (86%)
- Green (91%)
- Blue (47%)



- Red (47%)
- Yellow (91%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (48%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBE979 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 DBE979 by changing the saturation by 10% instead.



 DBE979

 DBE979

FFFFFF

 BECD5F

 FFFFB0

 A2B144

 FFFFCC

 86972A

 FFFFEB

 6B7D08

 516400

 384C00

 1E3500

 002000

 000000


 DBE979

 DBE979

 D8E962

 DEE990

 D5E94A

 E1E9A8

 D2E933

 E4E9BF

 CFE91C

 E7E9D6

 CCE905

 EAE9EE

 CCE900

 ECE9FF

 EFE9FF

 F2E9FF

 F5E9FF

# Harmonies

## Analogous

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



FFD874



DBE979



9CF59B

# Triad

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



DBE979



00F7FF



FFB6F2

# Complementary

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



DBE979



8779E9

# 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.



FFC4FF



DBE979



62EAFF

# Square

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



DBE979



00FCFF



CDD8FF



FFB6BC

# Rectangle

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



DBE979



67FABC



CDD8FF



FFB9FF



# Sweetspot

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



DBE979



FBFFDB



E98679



7D806A



000000



808080



# Same Dimension

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



DBE979



EDFF6B



A4E979



74756A



9EB500



2F3600



# Inverse Universe

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



8779E9



7E6BFF



BE79E9



6B6A75



1700B5



070036



# Previews

## White Background



This preview shows how the Hex color DBE979 looks on a white background.

## Color Contrast Check

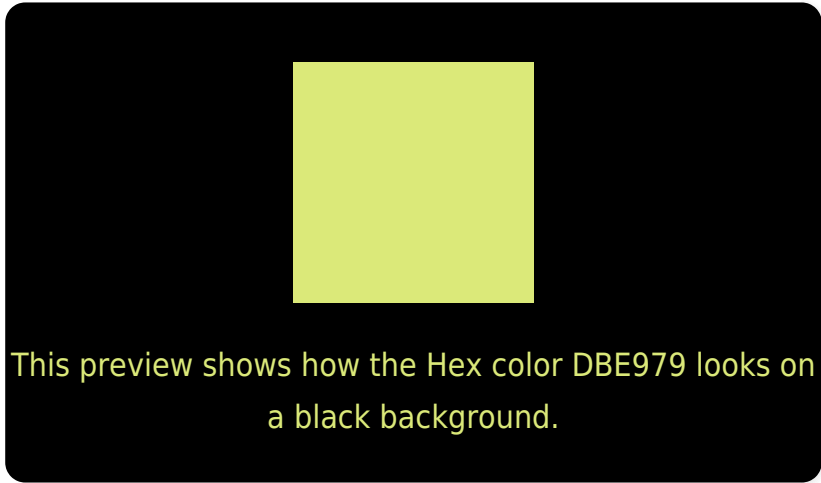
Large Text (above 18pt) WCAG AA × Fail

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 DBE979 Background



This preview shows how black text looks on a background with the Hex color DBE979.

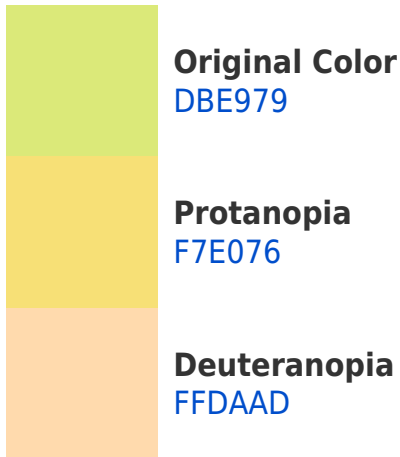


This preview shows how white text looks on a background with the Hex color DBE979.

# 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](#).

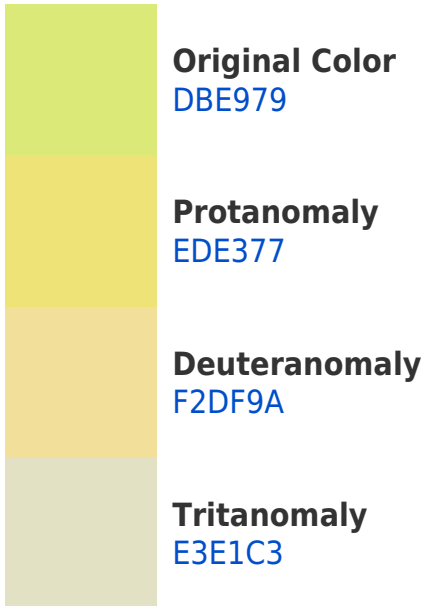
## Dichromacy



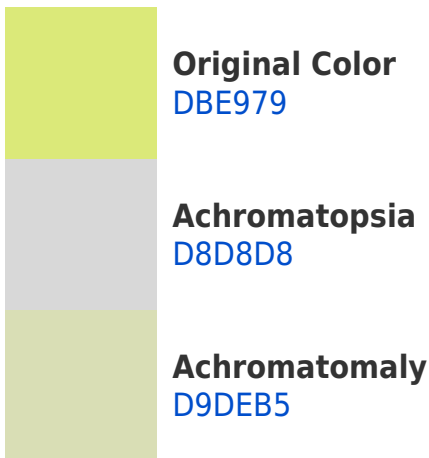


**Tritanopia**  
E8DCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBE979 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 #DBE979 looks like.

```
.text, #text, p{  
    color:#DBE979  
}
```

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 #DBE979 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBE979
}
```

## Border

The CSS property to change the border of an element to Hex DBE979 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
#DBE979 }
```

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

```
.border{ border-color:#DBE979 }
```

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

Here you see how a box with a 4 pixel #DBE979 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBE979; -webkit-box-shadow:4px 4px  
4px 4px #DBE979; box-shadow:4px 4px 4px  
4px #DBE979 }
```

# Background

The CSS property to change the background color of an element to Hex DBE979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBE979 }
```

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

```
.background{ background-color:#DBE979 }
```

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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