

# Converting Colors

Hex(D9E688)

Have a look what the booklet for  
Hex(D9E688) contains.

<b>Hex(D9E688)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D9E688)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9E688
RGB	217, 230, 136
RGB Percent	85%, 90%, 53%
CMY	0.1490, 0.0980, 0.4667
CMYK	0.06, 0.00, 0.41, 0.10
HSL	68°, 65%, 72%
HSV	68°, 41%, 90%
XYZ	61.3560, 73.1229, 34.1729
YIQ	215.3970, 22.4260, -31.9900

# Conversions

## Conversions Part 2

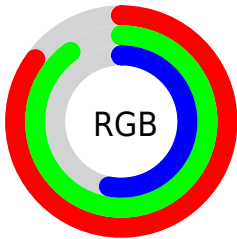
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 230, 149
Decimal	14280328
CIE <sub>Lab</sub>	88.51, -18.33, 44.27
CIE <sub>LCh</sub>	89, 47.913, 112.497
Yxy	73.1229, 0.3638, 0.4336
Android (android.graphics.Color)	4292470408 (0xFFD9E688)
YUV	215.3970, -39.1427, 1.4058
Hunter-Lab	85.5119, -21.5696, 36.1645

# Details

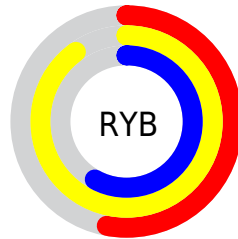
The Hex color **D9E688** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9588E6**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFBF**, and **A1AF54** is the 20% darker color. If you saturate the color by 10%, you get **D6E671**, and if you desaturate by 10%, it is **DCE69F**.

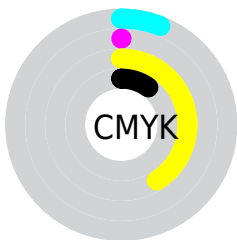
# Distribution



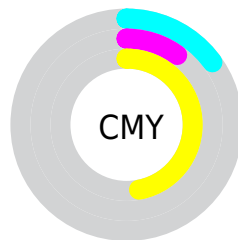
- Red (85%)
- Green (90%)
- Blue (53%)



- Red (53%)
- Yellow (90%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (41%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9E688 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 D9E688 by changing the saturation by 10% instead.



 D9E688

 D9E688

FFFFFF

 BDCA6E

 FFFFBF

 A1AF54

 FFFFDB

 85943B

 FFFFF8

 6B7A21

 516103

 384A00

 203300

 001F00

 000000

 D9E688

 D9E688

 D6E671

 DCE69F

 D3E65A

 DFE6B6

 CFE643

 E3E6CD

 CCE62C

 E6E6E4

 C9E615

 E9E6FB

 C6E600

 ECE6FF

 EFE6FF

 F2E6FF

 F6E6FF

# Harmonies

## Analogous

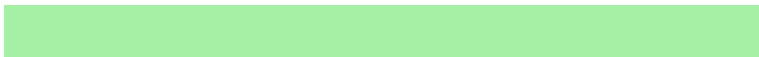
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD783



D9E688



A4F0A5

# Triad

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



D9E688



1FF1FF



FFBBEC

# Complementary

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



D9E688



9588E6

# 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



D9E688



85E6FF

# Square

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



D9E688



00F6FF



D2D7FF



FFBCBE

# Rectangle

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



D9E688



7CF4C1



D2D7FF



FFBEFB

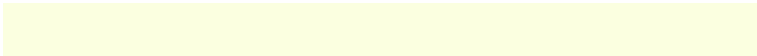


# Sweetspot

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



D9E688



FBFFE0



E69588



7D806E



000000



808080



# Same Dimension

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



D9E688



EEFF82



AAE688



717367



9AB300



2C3300



# Inverse Universe

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



9588E6



9382FF



C488E6



696773



1900B3

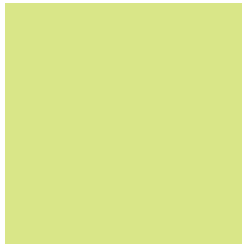


070033



# Previews

## White Background



This preview shows how the Hex color D9E688 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 D9E688 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

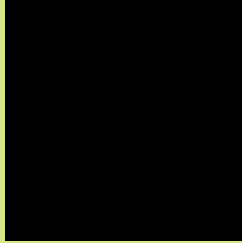
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D9E688 Background



This preview shows how black text looks on a background with the Hex color D9E688.

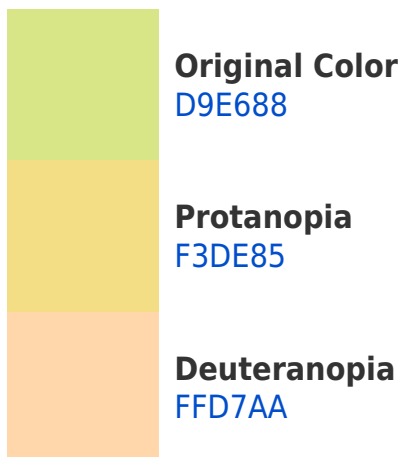


This preview shows how white text looks on a background with the Hex color D9E688.

# 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](#).

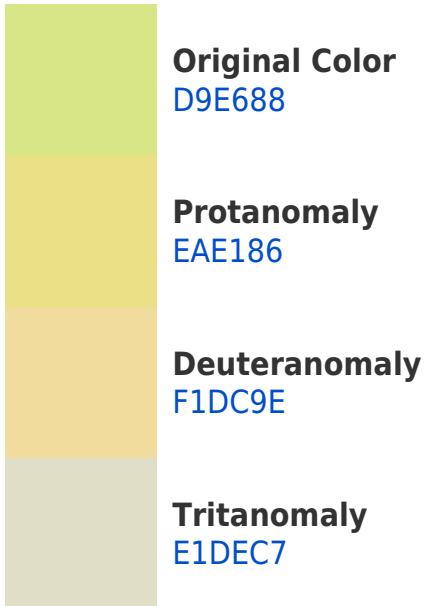
## Dichromacy



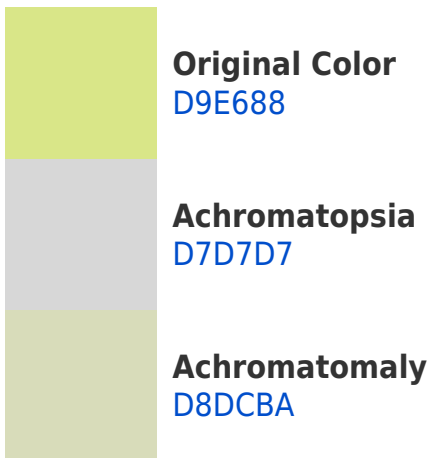


**Tritanopia**  
E5DAEB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9E688 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 #D9E688 looks like.

```
.text, #text, p{  
    color:#D9E688  
}
```

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 #D9E688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9E688  
}
```

## Border

The CSS property to change the border of an element to Hex D9E688 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  
#D9E688 }
```

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

```
.border{ border-color:#D9E688 }
```

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

Here you see how a box with a 4 pixel #D9E688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9E688; -webkit-box-shadow:4px 4px  
4px 4px #D9E688; box-shadow:4px 4px 4px  
4px #D9E688 }
```

# Background

The CSS property to change the background color of an element to Hex D9E688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9E688 }
```

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

```
.background{ background-color:#D9E688 }
```

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