

# Converting Colors

Hex(D9E588)

Have a look what the booklet for  
Hex(D9E588) contains.

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# **Color**

**Hex(D9E588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9E588
RGB	217, 229, 136
RGB Percent	85%, 90%, 53%
CMY	0.1490, 0.1020, 0.4667
CMYK	0.05, 0.00, 0.41, 0.10
HSL	68°, 64%, 72%
HSV	68°, 41%, 90%
XYZ	61.0785, 72.5679, 34.0804
YIQ	214.8100, 22.7010, -31.4670

# Conversions

## Conversions Part 2

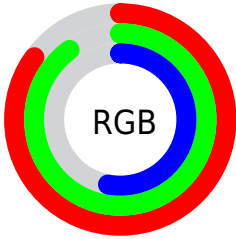
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 229, 148
Decimal	14280072
CIE <sub>Lab</sub>	88.24, -17.84, 43.93
CIE <sub>LCh</sub>	88, 47.418, 112.104
Yxy	72.5679, 0.3642, 0.4327
Android (android.graphics.Color)	4292470152 (0xFFD9E588)
YUV	214.8100, -38.8533, 1.9206
Hunter-Lab	85.1868, -21.0933, 35.9108

# Details

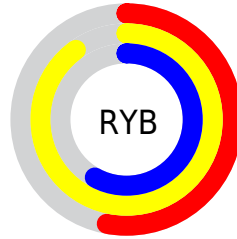
The Hex color **D9E588** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9488E5**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFBF**, and **A1AE54** is the 20% darker color. If you saturate the color by 10%, you get **D6E571**, and if you desaturate by 10%, it is **DCE59F**.

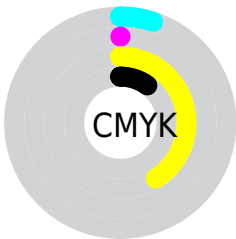
# Distribution



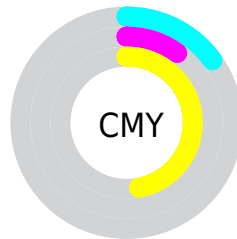
- Red (85%)
- Green (90%)
- Blue (53%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (41%)
- Black (10%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color D9E588 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 D9E588 by changing the saturation by 10% instead.



 D9E588

 D9E588

FFFFFF

 BDC96E

 FFFFBF

 A1AE54

 FFFFDB

 86933B

 FFFFF8

 6B7922

 516103

 394900

 203200

 001E00

 000000

 D9E588

 D9E588

 D6E571

 DCE59F

 D3E55A

 DFE5B6

 D0E543

 E2E5CD

 CDE52C

 E5E5E4

 CAE515

 E8E5FB

 C7E500

 EBE5FF

 EEE5FF

 F1E5FF

 F4E5FF

# Harmonies

## Analogous

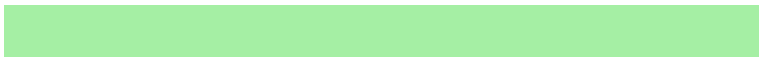
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD783



D9E588



A5EFA4

# Triad

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



D9E588



24F0FF



FFBBEB

# Complementary

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



D9E588



9488E5

# 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



D9E588



85E5FF

# Square

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



D9E588



09F5FE



D1D6FF



FFBCBE

# Rectangle

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



D9E588



7DF3C0



D1D6FF



FFBEFA



# Sweetspot

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



D9E588



FBFFE0



E59388



7D806E



000000



808080



# Same Dimension

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



D9E588



FFFF82



ACE588



717367



9BB300



2C3300



# Inverse Universe

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



9488E5



9282FF



C188E5



696773



1700B3

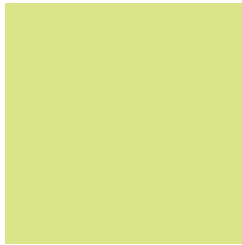


070033



# Previews

## White Background



This preview shows how the Hex color D9E588 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 D9E588 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

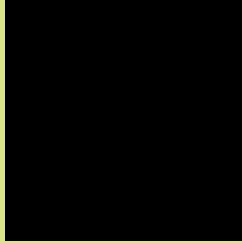
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9E588 Background



This preview shows how black text looks on a background with the Hex color D9E588.

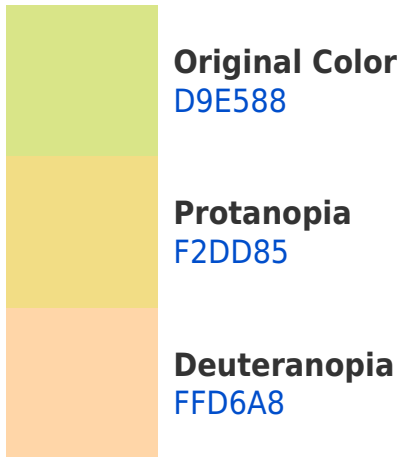


This preview shows how white text looks on a background with the Hex color D9E588.

# 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](#).

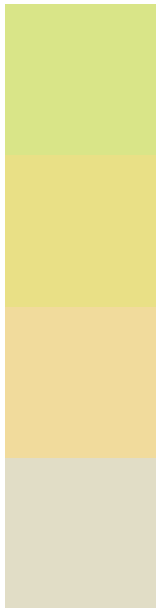
## Dichromacy





**Tritanopia**  
E5D9EA

# Trichromacy



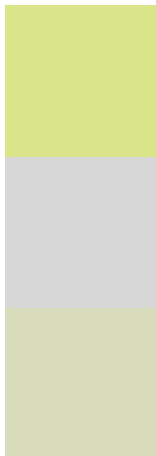
**Original Color**  
D9E588

**Protanomaly**  
E9E086

**Deuteranomaly**  
F1DB9C

**Tritanomaly**  
E1DDC6

# Monochromacy



**Original Color**  
D9E588

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
D8DCBA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9E588 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 #D9E588 looks like.

```
.text, #text, p{  
    color:#D9E588  
}
```

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 #D9E588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9E588
}
```

## Border

The CSS property to change the border of an element to Hex D9E588 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
#D9E588 }
```

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

```
.border{ border-color:#D9E588 }
```

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

Here you see how a box with a 4 pixel #D9E588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9E588; -webkit-box-shadow:4px 4px  
4px 4px #D9E588; box-shadow:4px 4px 4px  
4px #D9E588 }
```

# Background

The CSS property to change the background color of an element to Hex D9E588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9E588 }
```

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

```
.background{ background-color:#D9E588 }
```

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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