

# Converting Colors

Hex(D5E984)

Have a look what the booklet for  
Hex(D5E984) contains.

<b>Hex(D5E984)</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(D5E984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5E984
RGB	213, 233, 132
RGB Percent	84%, 91%, 52%
CMY	0.1647, 0.0863, 0.4824
CMYK	0.09, 0.00, 0.43, 0.09
HSL	72°, 70%, 72%
HSV	72°, 43%, 91%
XYZ	60.7443, 74.0899, 32.9290
YIQ	215.5060, 20.5010, -35.6510

# Conversions

## Conversions Part 2

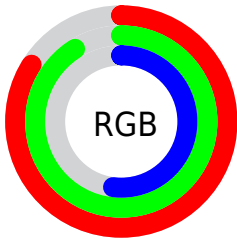
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 233, 152</a>
Decimal	<a href="#">14018948</a>
CIELab	<a href="#">88.96, -21.75, 46.73</a>
CIELCh	<a href="#">89, 51.542, 114.961</a>
Yxy	<a href="#">74.0899, 0.3621, 0.4416</a>
Android (android.graphics.Color)	<a href="#">4292209028 (0xFFD5E984)</a>
YUV	<a href="#">215.5060, -41.1685, -2.1978</a>
Hunter-Lab	<a href="#">86.0755, -24.6629, 37.5709</a>

# Details

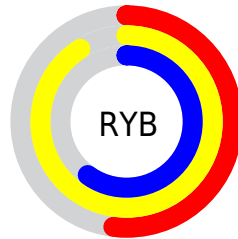
The Hex color **D5E984** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9884E9**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFBB**, and **9DB150** is the 20% darker color. If you saturate the color by 10%, you get **D0E96D**, and if you desaturate by 10%, it is **DAE99B**.

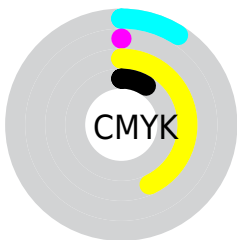
# Distribution



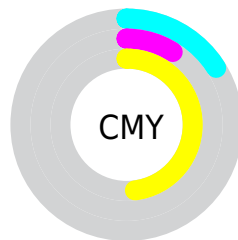
- Red (84%)
- Green (91%)
- Blue (52%)



- Red (52%)
- Yellow (91%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (43%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5E984 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 D5E984 by changing the saturation by 10% instead.



 D5E984

FFFFFF

 FFFFBB

 FFFFD7

 FFFFF4

 D5E984

 B9CD6A

 9DB150

 829736

 677D1C

 4D6400

 344C00

 1B3500

 002000

 000000

 D5E984

 D5E984

 D0E96D

 DAE99B

 CCE955

 DEE9B3

 C7E93E

 E3E9CA

 C3E927

 E7E9E1

 BEE910

 ECE9F9

 BBE900

 F1E9FF

 F5E9FF

 FAE9FF

 FFE9FF

# Harmonies

## Analogous

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



FFDA7C



D5E984



9BF4A5

# Triad

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



D5E984



00F3FF



FFB9EA

# Complementary

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



D5E984



9884E9

# 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



D5E984



82E7FF

# Square

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



D5E984



00F9FF



D8D6FF



FFBBB9

# Rectangle

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



D5E984



6CF8C4



D8D6FF



FFBBFA



# Sweetspot

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



D5E984



F8FFDE



E99784



7B806B



000000



808080



# Same Dimension

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



D5E984



E5FF7A



A4E984



73756A



91B500



2B3600



# Inverse Universe

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



9884E9



957AFF



C984E9



6C6A75



2400B5



0B0036



# Previews

## White Background



This preview shows how the Hex color D5E984 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 D5E984 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 D5E984 Background



This preview shows how black text looks on a background with the Hex color D5E984.

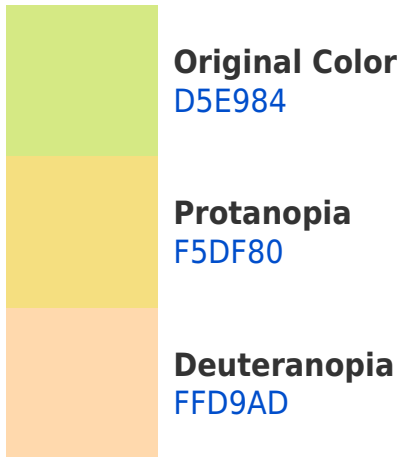


This preview shows how white text looks on a background with the Hex color D5E984.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5E984 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 #D5E984 looks like.

```
.text, #text, p{  
    color:#D5E984  
}
```

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 #D5E984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5E984
}
```

## Border

The CSS property to change the border of an element to Hex D5E984 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
#D5E984 }
```

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

```
.border{ border-color:#D5E984 }
```

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

Here you see how a box with a 4 pixel #D5E984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5E984; -webkit-box-shadow:4px 4px  
4px 4px #D5E984; box-shadow:4px 4px 4px  
4px #D5E984 }
```

# Background

The CSS property to change the background color of an element to Hex D5E984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5E984 }
```

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

```
.background{ background-color:#D5E984 }
```

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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