

# Converting Colors

Hex(D8D791)

Have a look what the booklet for  
Hex(D8D791) contains.

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# **Color**

**Hex(D8D791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8D791
RGB	216, 215, 145
RGB Percent	85%, 84%, 57%
CMY	0.1529, 0.1569, 0.4314
CMYK	0.00, 0.00, 0.33, 0.15
HSL	59°, 48%, 71%
HSV	59°, 33%, 85%
XYZ	57.7302, 65.2441, 36.3387
YIQ	207.3190, 23.0660, -21.5580

# Conversions

## Conversions Part 2

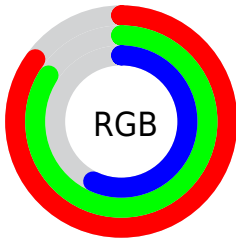
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 216, 145
Decimal	14210961
CIELab	84.61, -10.22, 34.74
CIELCh	85, 36.208, 106.397
Yxy	65.2441, 0.3624, 0.4095
Android (android.graphics.Color)	4292401041 (0xFFD8D791)
YUV	207.3190, -30.7233, 7.6132
Hunter-Lab	80.7738, -13.7778, 29.8682

# Details

The Hex color **D8D791** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9192D8**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFC8**, and **A0A05E** is the 20% darker color. If you saturate the color by 10%, you get **D8D77B**, and if you desaturate by 10%, it is **D8D7A7**.

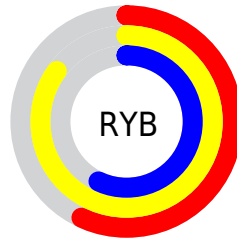
# Distribution



Red (85%)

Green (84%)

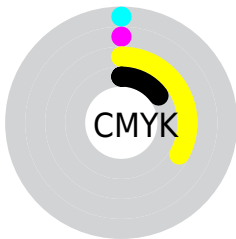
Blue (57%)



Red (57%)

Yellow (85%)

Blue (57%)

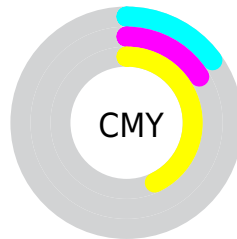


Cyan (0%)

Magenta (0%)

Yellow (33%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8D791 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 D8D791 by changing the saturation by 10% instead.



 D8D791

 D8D791

FFFFFF

 BCBB77

 FFFFC8

 A0A05E

 FFFFE4

 858645

 6B6D2D

 525515

 3A3E00

 222800

 001500

 000000

 D8D791

 D8D791

 D8D77B

 D8D7A7

 D8D666

 D8D8BC

 D8D650

 D8D8D2

 D8D63B

 D8D8E7

 D8D525

 D8D9FD

 D8D50F

 D8D9FF

 D8D500

 D8DAFF

# Harmonies

## Analogous

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



F9CC91



D8D791



B1E0A3

# Triad

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



D8D791



68E3FF



FFBBE4

# Complementary

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



D8D791



9192D8

# 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.



EFC4FF



D8D791



8FDBFF

# Square

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



D8D791



69E6E5



C2D0FF



FFBAC1

# Rectangle

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



D8D791



96E4B7



C2D0FF



FFBDEF



# Sweetspot

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



D8D791



FFFFE6



D89192



807F70



000000



808080



# Same Dimension

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



D8D791



FFFE9C



B6D891



6B6B60



ABA800



2B2B00



# Inverse Universe

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



9192D8



9C9DFF



B391D8



60616B



0002AB



00012B



# Previews

## White Background



This preview shows how the Hex color D8D791 looks on a white background.

## Color Contrast Check

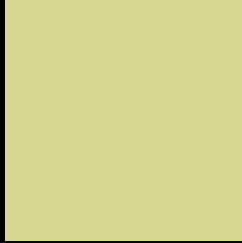
Large Text (above 18pt) WCAG AA × Fail

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 D8D791 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

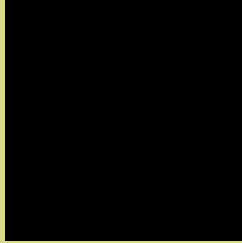
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D8D791 Background



This preview shows how black text looks on a background with the Hex color D8D791.

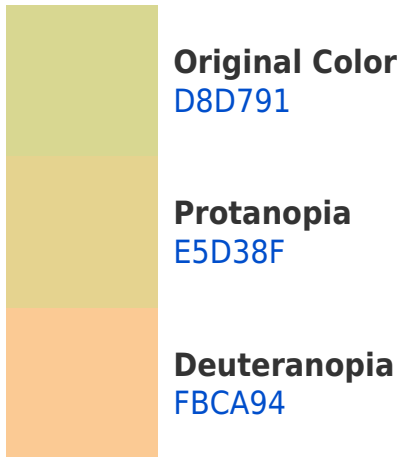


This preview shows how white text looks on a background with the Hex color D8D791.

# 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](#).

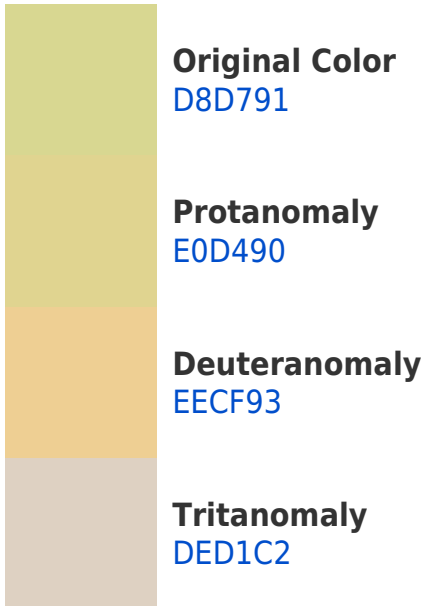
## Dichromacy





**Tritanopia**  
E1CDDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8D791 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 #D8D791 looks like.

```
.text, #text, p{  
    color:#D8D791  
}
```

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 #D8D791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D791
}
```

## Border

The CSS property to change the border of an element to Hex D8D791 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
#D8D791 }
```

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

```
.border{ border-color:#D8D791 }
```

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

Here you see how a box with a 4 pixel #D8D791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D791; -webkit-box-shadow:4px 4px  
4px 4px #D8D791; box-shadow:4px 4px 4px  
4px #D8D791 }
```

# Background

The CSS property to change the background color of an element to Hex D8D791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D791 }
```

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

```
.background{ background-color:#D8D791 }
```

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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