

# Converting Colors

Hex(D8D259)

Have a look what the booklet for  
Hex(D8D259) contains.

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# **Color**

**Hex(D8D259)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8D259
RGB	216, 210, 89
RGB Percent	85%, 82%, 35%
CMY	0.1529, 0.1765, 0.6510
CMYK	0.00, 0.03, 0.59, 0.15
HSL	57°, 62%, 60%
HSV	57°, 59%, 85%
XYZ	53.1687, 61.4134, 18.5029
YIQ	198.0000, 42.4170, -36.3590

# Conversions

## Conversions Part 2

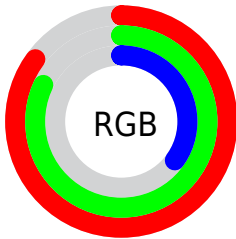
Format	Color
<a href="#">RYB</a>	<a href="#">95, 216, 89</a>
Decimal	<a href="#">14209625</a>
CIELab	<a href="#">82.60, -13.02, 59.22</a>
CIELCh	<a href="#">83, 60.637, 102.401</a>
Yxy	<a href="#">61.4134, 0.3995, 0.4615</a>
Android (android.graphics.Color)	<a href="#">4292399705 (0xFFD8D259)</a>
YUV	<a href="#">198.0000, -53.7370, 15.7860</a>
Hunter-Lab	<a href="#">78.3667, -16.0366, 40.8579</a>

# Details

The Hex color **D8D259** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **595FD8**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF8F**, and **9E9C21** is the 20% darker color. If you saturate the color by 10%, you get **D8D143**, and if you desaturate by 10%, it is **D8D36F**.

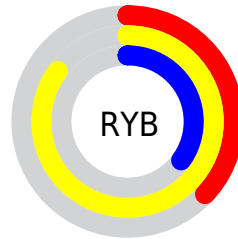
# Distribution



Red (85%)

Green (82%)

Blue (35%)



Red (37%)

Yellow (85%)

Blue (35%)

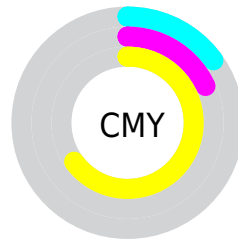


Cyan (0%)

Magenta (3%)

Yellow (59%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8D259 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 D8D259 by changing the saturation by 10% instead.



 D8D259

FFFFFF

 FFFF8F

 FFFFAB

 FFFFC7

 FFFF E4

 D8D259

 BBB73E

 9E9C21

 828200


 676900

 4D5100

 323A00

 192500

 001100

 000000

 D8D259

 D8D259

 D8D143

 D8D36F

 D8D02E

 D8D484

 D8CF18

 D8D59A

 D8CE03

 D8D6AF

 D8CE00

 D8D7C5

 D8D8DB

 D8D9F0

 D8DAFF

 D8DBFF

# Harmonies

## Analogous

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



FFBF5F



D8D259



99E076

# Triad

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



D8D259



00E7FF



FFA2F1

# Complementary

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



D8D259



595FD8

# 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.



F0B5FF



D8D259



00DDFF

# Square

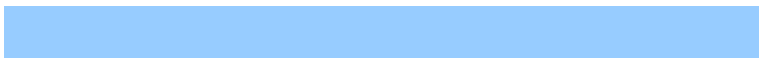
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D8D259



00EAE4



97CCFF



FF9DB8

# Rectangle

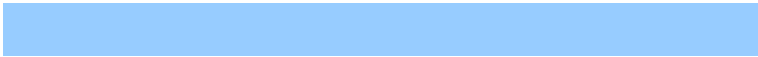
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8D259



62E697



97CCFF



FFA7FF



# Sweetspot

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



D8D259



FFFDD1



D8595F



807E63



000000



808080



# Same Dimension

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



D8D259



FFF64A



9FD859



6B6B60



ABA300



2B2900



# Inverse Universe

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



595FD8



4A53FF



9259D8



60616B



0008AB



00022B



# Previews

## White Background



This preview shows how the Hex color D8D259 looks on a white background.

## Color Contrast Check

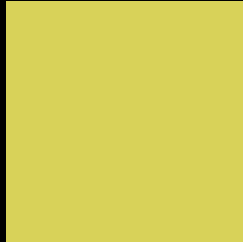
Large Text (above 18pt) WCAG AA × Fail

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 D8D259 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 D8D259 Background



This preview shows how black text looks on a background with the Hex color D8D259.

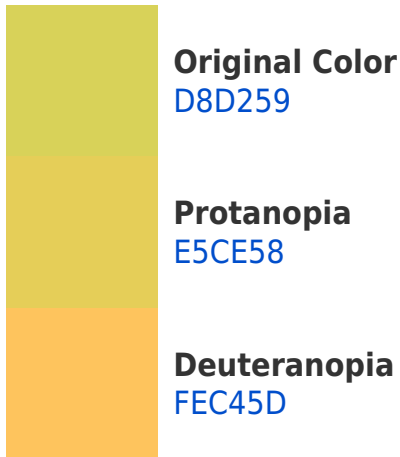


This preview shows how white text looks on a background with the Hex color D8D259.

# 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](#).

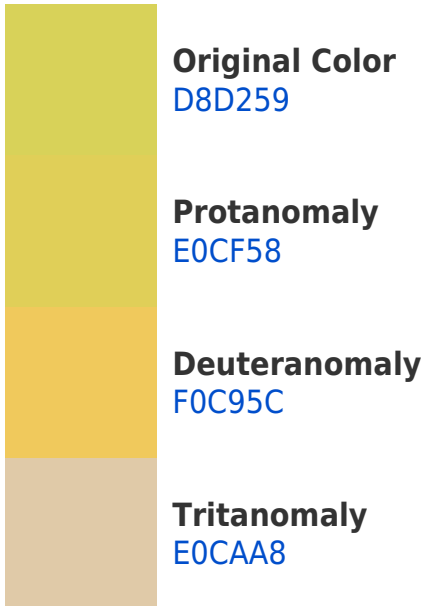
## Dichromacy



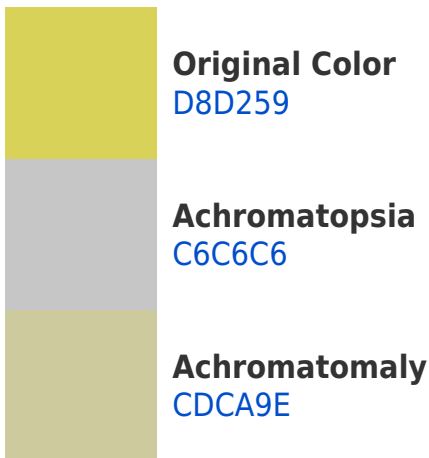


**Tritanopia**  
E4C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8D259 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 #D8D259 looks like.

```
.text, #text, p{  
    color:#D8D259  
}
```

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 #D8D259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D259
}
```

## Border

The CSS property to change the border of an element to Hex D8D259 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
#D8D259 }
```

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

```
.border{ border-color:#D8D259 }
```

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

Here you see how a box with a 4 pixel #D8D259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D259; -webkit-box-shadow:4px 4px  
4px 4px #D8D259; box-shadow:4px 4px 4px  
4px #D8D259 }
```

# Background

The CSS property to change the background color of an element to Hex D8D259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D259 }
```

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

```
.background{ background-color:#D8D259 }
```

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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