

# Converting Colors

Hex(D0D159)

Have a look what the booklet for  
Hex(D0D159) contains.

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**Color**

**Hex(D0D159)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0D159
RGB	208, 209, 89
RGB Percent	82%, 82%, 35%
CMY	0.1843, 0.1804, 0.6510
CMYK	0.00, 0.00, 0.57, 0.18
HSL	60°, 57%, 58%
HSV	60°, 57%, 82%
XYZ	50.6161, 59.7321, 18.3129
YIQ	195.0210, 37.9240, -37.5320

# Conversions

## Conversions Part 2

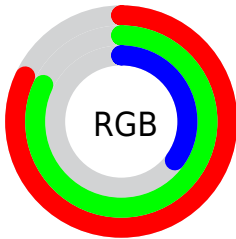
Format	Color
<a href="#">RYB</a>	<a href="#">89, 209, 90</a>
Decimal	<a href="#">13685081</a>
CIELab	<a href="#">81.69, -15.81, 58.04</a>
CIELCh	<a href="#">82, 60.152, 105.238</a>
Yxy	<a href="#">59.7321, 0.3934, 0.4643</a>
Android (android.graphics.Color)	<a href="#">4291875161 (0xFFD0D159)</a>
YUV	<a href="#">195.0210, -52.2684, 11.3826</a>
Hunter-Lab	<a href="#">77.2865, -18.3492, 40.0519</a>

# Details

The Hex color **D0D159** 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 **5A59D1**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF8F**, and **979B21** is the 20% darker color. If you saturate the color by 10%, you get **D0D144**, and if you desaturate by 10%, it is **D0D16E**.

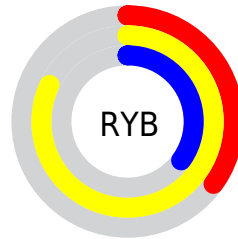
# Distribution



Red (82%)

Green (82%)

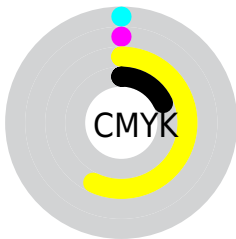
Blue (35%)



Red (35%)

Yellow (82%)

Blue (35%)

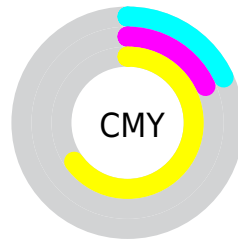


Cyan (0%)

Magenta (0%)

Yellow (57%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0D159 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 D0D159 by changing the saturation by 10% instead.



 D0D159

 D0D159

FFFFFF

 B3B63E

 FFFF8F

 979B21

 FFFFAB

 7B8100

 FFFFC7

 606800

 FFFF E4

 465000

 2C3900

 132400

 000C00

 000000

 D0D159

 D0D159

 D0D144

 D0D16E

 D0D12F

 D0D183

 CFD11A

 D1D198

 CFD105

 D1D1AD

 CFD100

 D1D1C2

 D1D1D6

 D1D1EB

 D1D1FF

 D2D1FF

# Harmonies

## Analogous

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



FFBE5C



D0D159



90DE78

# Triad

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



D0D159



00E4FF



FF9FE9

# Complementary

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



D0D159



5A59D1

# 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.



F4B1FF



D0D159



00D9FF

# Square

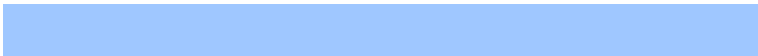
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0D159



00E8E7



9FC7FF



FF9CB0

# Rectangle

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



D0D159



57E49A



9FC7FF



FFA3FB



# Sweetspot

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



D0D159



FFFFD4



D15959



7F8066



000000



808080



# Same Dimension

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



D0D159



FEFF4F



95D159



68695E



A7A800



282900



# Inverse Universe

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



5A59D1



514FFF



9559D1



5E5E69



0100A8



000029



# Previews

## White Background



This preview shows how the Hex color D0D159 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 D0D159 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 D0D159 Background



This preview shows how black text looks on a background with the Hex color D0D159.

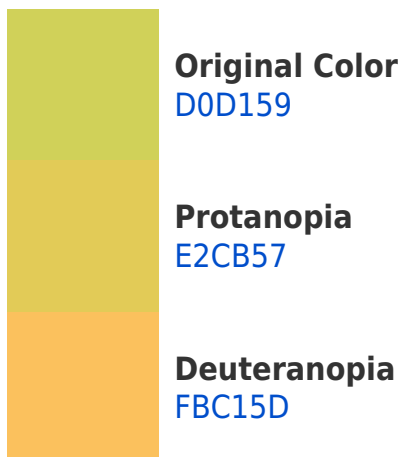


This preview shows how white text looks on a background with the Hex color D0D159.

# Color Blindness Simulation

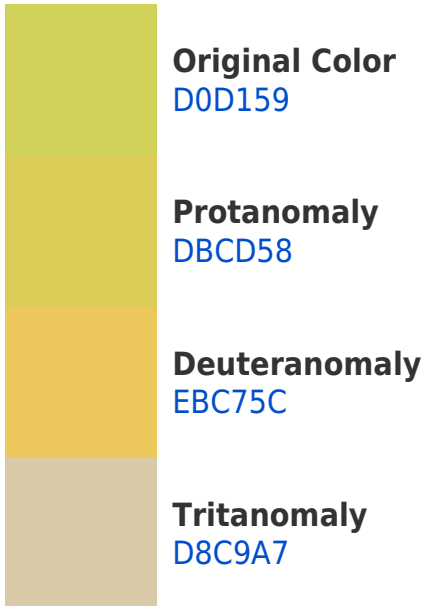
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0D159 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 #D0D159 looks like.

```
.text, #text, p{  
    color:#D0D159  
}
```

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 #D0D159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D159
}
```

## Border

The CSS property to change the border of an element to Hex D0D159 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
#D0D159 }
```

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

```
.border{ border-color:#D0D159 }
```

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

Here you see how a box with a 4 pixel #D0D159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D159; -webkit-box-shadow:4px 4px  
4px 4px #D0D159; box-shadow:4px 4px 4px  
4px #D0D159 }
```

# Background

The CSS property to change the background color of an element to Hex D0D159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D159 }
```

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

```
.background{ background-color:#D0D159 }
```

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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