

# Converting Colors

Hex(DCE367)

Have a look what the booklet for  
Hex(DCE367) contains.

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# **Color**

**Hex(DCE367)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCE367
RGB	220, 227, 103
RGB Percent	86%, 89%, 40%
CMY	0.1373, 0.1098, 0.5961
CMYK	0.03, 0.00, 0.55, 0.11
HSL	63°, 69%, 65%
HSV	63°, 55%, 89%
XYZ	59.4325, 71.1331, 23.4296
YIQ	210.7710, 35.6320, -40.0480

# Conversions

## Conversions Part 2

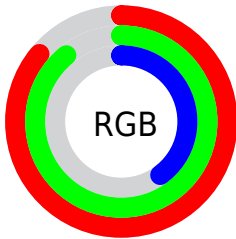
Format	Color
<a href="#">RYB</a>	<a href="#">103, 227, 110</a>
Decimal	<a href="#">14476135</a>
CIELab	<a href="#">87.55, -18.77, 58.69</a>
CIELCh	<a href="#">88, 61.615, 107.739</a>
Yxy	<a href="#">71.1331, 0.3859, 0.4619</a>
Android (android.graphics.Color)	<a href="#">4292666215</a> ( <a href="#">0xFFDCE367</a> )
YUV	<a href="#">210.7710, -53.1311, 8.0938</a>
Hunter-Lab	<a href="#">84.3404, -21.8115, 42.5677</a>

# Details

The Hex color **DCE367** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6E67E3**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF9E**, and **A2AC30** is the 20% darker color. If you saturate the color by 10%, you get **DBE350**, and if you desaturate by 10%, it is **DDE37E**.

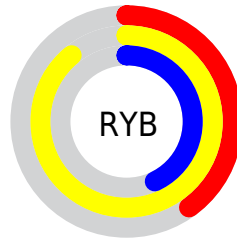
# Distribution



Red (86%)

Green (89%)

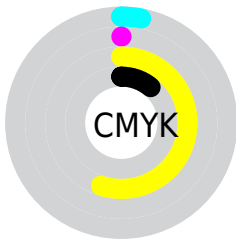
Blue (40%)



Red (40%)

Yellow (89%)

Blue (43%)

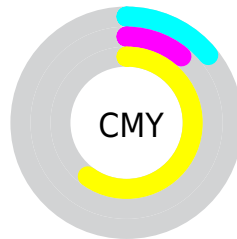


Cyan (3%)

Magenta (0%)

Yellow (55%)

Black (11%)



Cyan (14%)

Magenta (11%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCE367 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 DCE367 by changing the saturation by 10% instead.



 DCE367

FFFFFF

 FFFF9E

 FFFFBA

 FFFFD6

 FFFFF3

 DCE367

 BFC74C

 A2AC30

 87910F

 6B7800

 515F00

 364700

 1C3100

 001D00

 000000

 DCE367

 DCE367

 DBE350

 DDE37E

 D9E33A

 DFE394

 D8E323

 E0E3AB

 D7E30C

 E1E3C2

 D6E300

 E2E3D9

 E4E3EF

 E5E3FF

 E6E3FF

 E8E3FF

# Harmonies

## Analogous

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



FFD067



DCE367



99F08A

# Triad

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



DCE367



00F4FF



FFADF6

# Complementary

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



DCE367



6E67E3

# 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.



FFBEFF



DCE367



00E9FF

# Square

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



DCE367



00F9FD



B8D5FF



FFABBB

# Rectangle

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



DCE367



5CF6AD



B8D5FF



FFB1FF



# Sweetspot

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



DCE367



FDFFD6



E36D67



7E8067



000000



808080



# Same Dimension

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



DCE367



F5FF57



9FE367



727367



A8B300



303300



# Inverse Universe

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



6E67E3



6057FF



AB67E3



686773



0A00B3

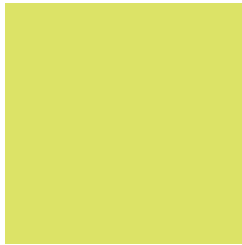


030033



# Previews

## White Background



This preview shows how the Hex color DCE367 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 DCE367 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

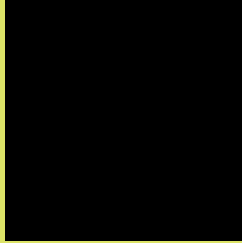
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCE367 Background



This preview shows how black text looks on a background with the Hex color DCE367.

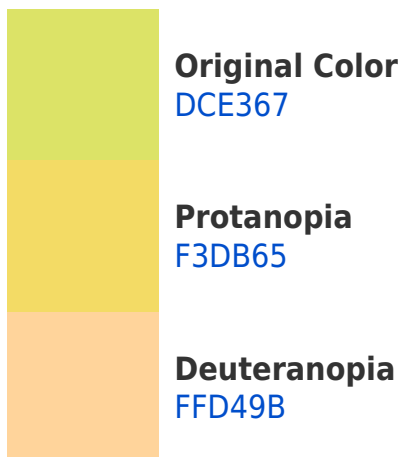


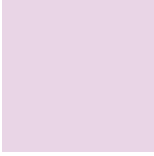
This preview shows how white text looks on a background with the Hex color DCE367.

# 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](#).

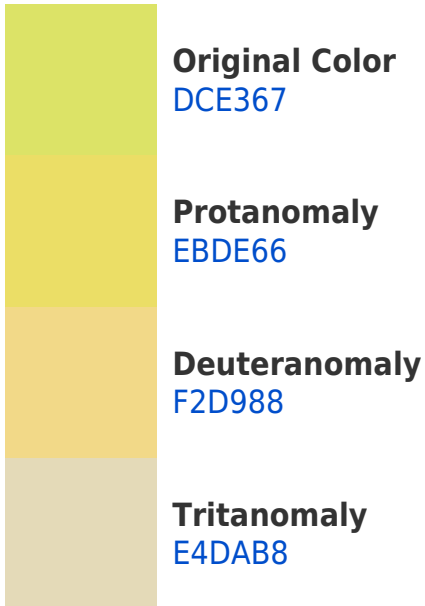
## Dichromacy



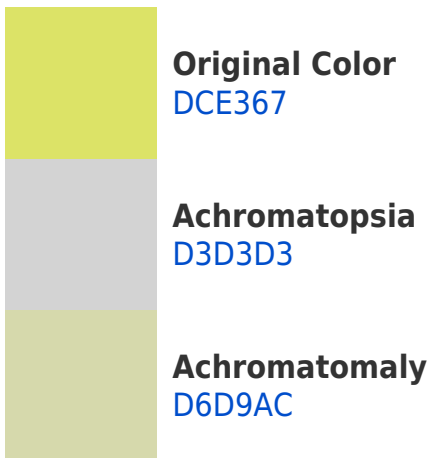


**Tritanopia**  
E9D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCE367 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 #DCE367 looks like.

```
.text, #text, p{  
    color:#DCE367  
}
```

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 #DCE367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE367
}
```

## Border

The CSS property to change the border of an element to Hex DCE367 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
#DCE367 }
```

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

```
.border{ border-color:#DCE367 }
```

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

Here you see how a box with a 4 pixel #DCE367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE367; -webkit-box-shadow:4px 4px  
4px 4px #DCE367; box-shadow:4px 4px 4px  
4px #DCE367 }
```

# Background

The CSS property to change the background color of an element to Hex DCE367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE367 }
```

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

```
.background{ background-color:#DCE367 }
```

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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