

Converting Colors

Hex(DCE500)

Have a look what the booklet for
Hex(DCE500) contains.

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Color

Hex(DCE500)

Conversions

Conversions Part 1

Format	Color
Hex	DCE500
RGB	220, 229, 0
RGB Percent	86%, 90%, 0%
CMY	0.1373, 0.1020, 1.0000
CMYK	0.04, 0.00, 1.00, 0.10
HSL	62°, 100%, 45%
HSV	62°, 100%, 90%
XYZ	57.5345, 71.2543, 10.7211
YIQ	200.2030, 68.1450, -73.1270

Conversions

Conversions Part 2

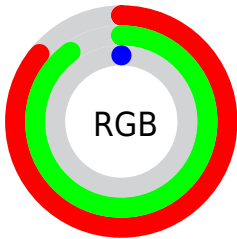
Format	Color
R _Y B	0, 229, 9
Decimal	14476544
CIE Lab	87.61, -23.63, 86.28
CIE LCh	88, 89.458, 105.314
Yxy	71.2543, 0.4124, 0.5107
Android (android.graphics.Color)	4292666624 (0xFFDCE500)
YUV	200.2030, -98.7001, 17.3620
Hunter-Lab	84.4122, -26.0577, 51.5582

Details

The Hex color **DCE500** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **0900E5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF5A**, and **A0AE00** is the 20% darker color. If you saturate the color by 10%, you get **DCE500**, and if you desaturate by 10%, it is **DDE517**.

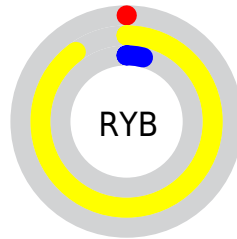
Distribution



Red (86%)

Green (90%)

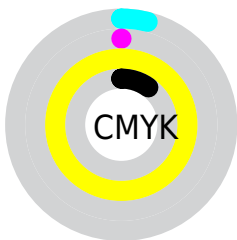
Blue (0%)



Red (0%)

Yellow (90%)

Blue (4%)

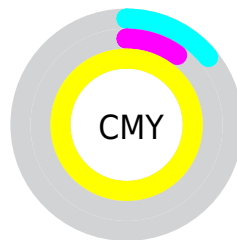


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (14%)

Magenta (10%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE500 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 DCE500 by changing the saturation by 10% instead.

 DCE500

 DCE500

FFFFFF

 BEC900

 FFFF5A

 A0AE00

 FFFF79

 839300

 FFFF96

 667A00

 FFFFB4

 4A6100

 FFFFD2

 2E4900

 FFFFF0

 133200

 001F00

 000000

 DCE500

 DDE517

 DEE52E

 DFE545

 E0E55C

 E1E573

 E1E589

 E2E5A0

 E3E5B7

 E4E5CE

Harmonies

Analogous

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



FFC81B



DCE500



77F75A

Triad

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



DCE500



00FFFF



FF8DFF

Complementary

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



DCE500



0900E5

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.



FFB1FF



DCE500



00F1FF

Square

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



DCE500



00FFFF



7DD6FF



FF87B4

Rectangle

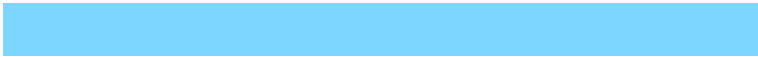
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCE500



00FE90



7DD6FF



FF97FF

Sweetspot

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



DCE500



FCFFB3



E50800



7E8052



000000



808080

Same Dimension

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



DCE500



F5FF00



6BE500



727367



ABB300



313300

Inverse Universe

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



0900E5



0A00FF



7A00E5



686773



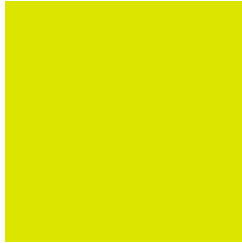
0700B3



020033

Previews

White Background



This preview shows how the Hex color DCE500 looks on a white background.

Color Contrast Check

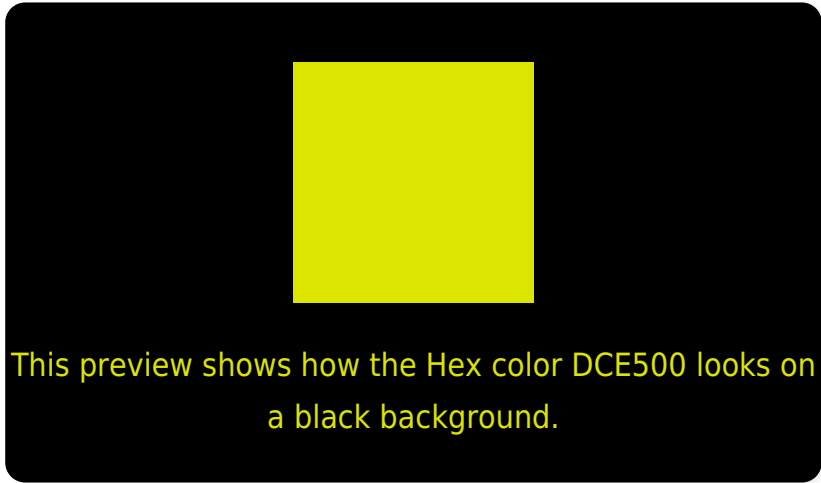
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 DCE500 Background



This preview shows how black text looks on a background with the Hex color DCE500.

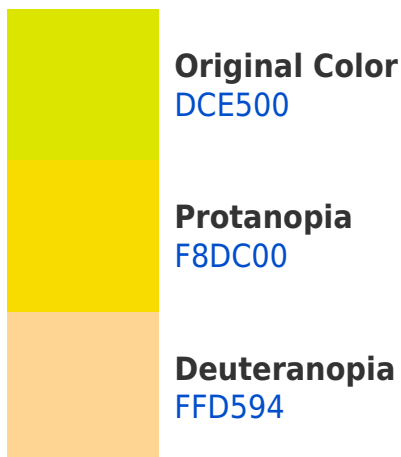


This preview shows how white text looks on a background with the Hex color DCE500.

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](#).

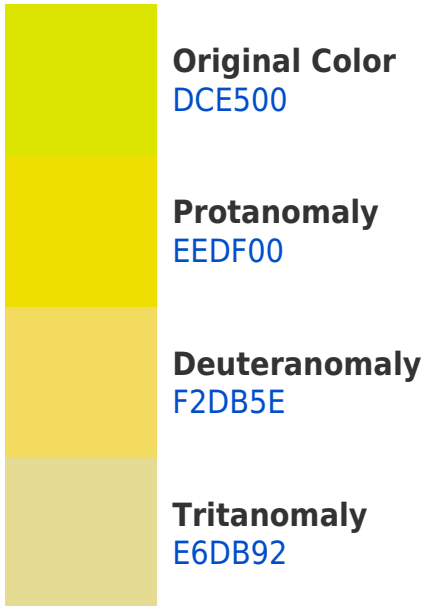
Dichromacy



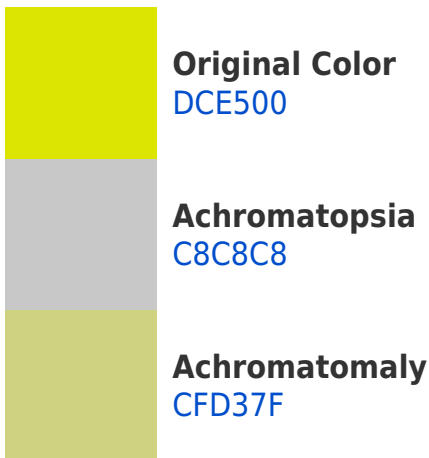


Tritanopia
ECD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCE500 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 #DCE500 looks like.

```
.text, #text, p{  
    color:#DCE500  
}
```

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 #DCE500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE500
}
```

Border

The CSS property to change the border of an element to Hex DCE500 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
#DCE500 }
```

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

```
.border{ border-color:#DCE500 }
```

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

Here you see how a box with a 4 pixel #DCE500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE500; -webkit-box-shadow:4px 4px  
4px 4px #DCE500; box-shadow:4px 4px 4px  
4px #DCE500 }
```

Background

The CSS property to change the background color of an element to Hex DCE500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE500 }
```

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

```
.background{ background-color:#DCE500 }
```

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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