

Converting Colors

Hex(D5E800)

Have a look what the booklet for
Hex(D5E800) contains.

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Color

Hex(D5E800)

Conversions

Conversions Part 1

Format	Color
Hex	D5E800
RGB	213, 232, 0
RGB Percent	84%, 91%, 0%
CMY	0.1647, 0.0902, 1.0000
CMYK	0.08, 0.00, 1.00, 0.09
HSL	65°, 100%, 45%
HSV	65°, 100%, 91%
XYZ	56.2972, 71.8594, 10.9031
YIQ	199.8710, 63.1480, -76.1800

Conversions

Conversions Part 2

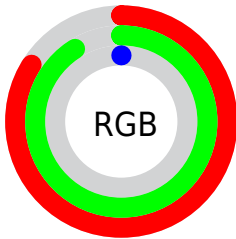
Format	Color
RYB	0, 232, 19
Decimal	14018560
CIELab	87.90, -27.94, 86.27
CIELCh	88, 90.678, 107.947
Yxy	71.8594, 0.4048, 0.5168
Android (android.graphics.Color)	4292208640 (0xFFD5E800)
YUV	199.8710, -98.5364, 11.5141
Hunter-Lab	84.7699, -29.8023, 51.7131

Details

The Hex color **D5E800** 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 **1300E8**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF5B**, and **99B100** is the 20% darker color. If you saturate the color by 10%, you get **D5E800**, and if you desaturate by 10%, it is **D7E817**.

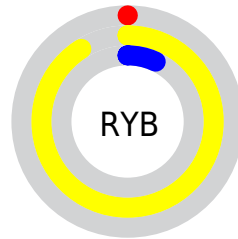
Distribution



Red (84%)

Green (91%)

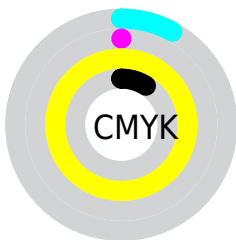
Blue (0%)



Red (0%)

Yellow (91%)

Blue (7%)

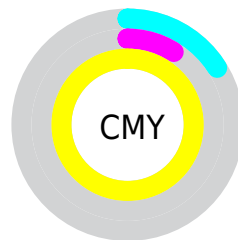


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (16%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5E800 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 D5E800 by changing the saturation by 10% instead.

 D5E800

 D5E800

FFFFFF

 B7CC00

 FFFF5B

 99B100

 FFFF79

 7C9600

 FFFF97

 607C00

 FFFFB4

 436300

 FFFFD2

 274B00

 FFFFF0

 083400

 002100

 000000

 D5E800

 D7E817

 D9E82E

 DBE846

 DDE85D

 DFE874

 E0E88B

 E2E8A2

 E4E8BA

 E6E8D1

Harmonies

Analogous

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



FFCC0A



D5E800



69F95F

Triad

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



D5E800



00FFFF



FF8AFF

Complementary

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



D5E800



1300E8

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.



FFADFF



D5E800



00F0FF

Square

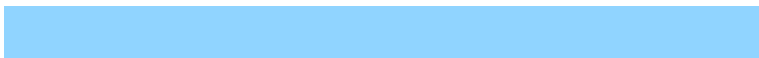
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D5E800



00FFFF



90D4FF



FF88AC

Rectangle

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



D5E800



00FF98



90D4FF



FF94FF

Sweetspot

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



D5E800



F9FFB3



E80F00



7C8052



000000



808080

Same Dimension

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



D5E800



EAFF00



65E800



727367



A4B300



2F3300

Inverse Universe

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



1300E8



1500FF



8300E8



686773



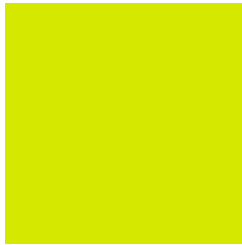
0F00B3



040033

Previews

White Background



This preview shows how the Hex color D5E800 looks on a white background.

Color Contrast Check

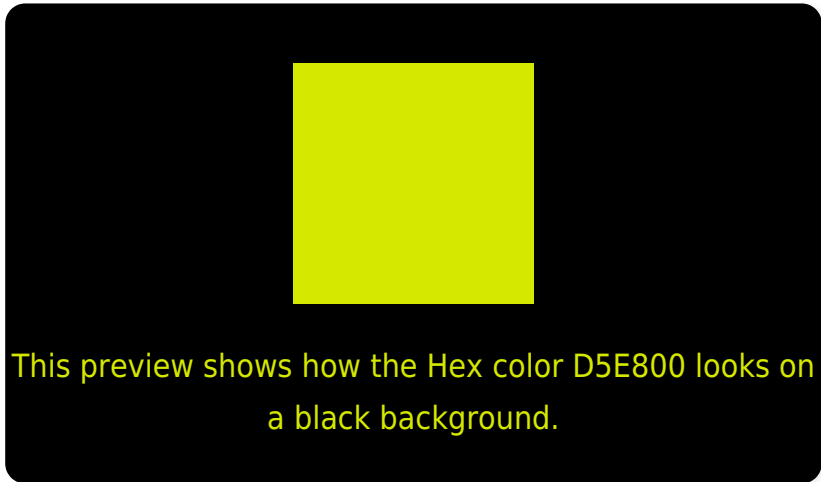
Large Text (above 18pt) WCAG AA × Fail

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 D5E800 Background



This preview shows how black text looks on a background with the Hex color D5E800.

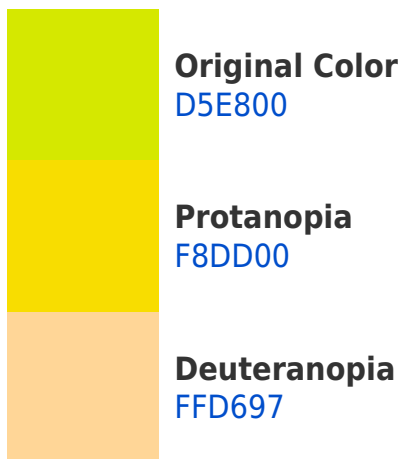


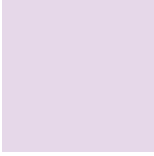
This preview shows how white text looks on a background with the Hex color D5E800.

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](#).

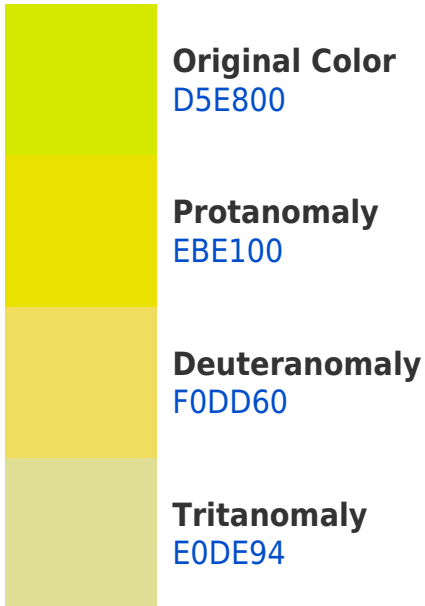
Dichromacy



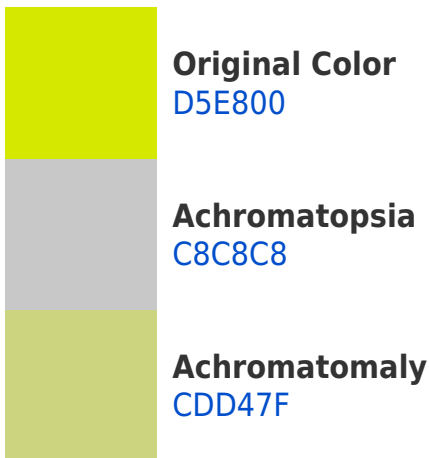


Tritanopia
E6D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5E800 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 #D5E800 looks like.

```
.text, #text, p{  
    color:#D5E800  
}
```

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 #D5E800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5E800
}
```

Border

The CSS property to change the border of an element to Hex D5E800 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
#D5E800 }
```

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

```
.border{ border-color:#D5E800 }
```

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

Here you see how a box with a 4 pixel #D5E800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5E800; -webkit-box-shadow:4px 4px  
4px 4px #D5E800; box-shadow:4px 4px 4px  
4px #D5E800 }
```

Background

The CSS property to change the background color of an element to Hex D5E800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5E800 }
```

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

```
.background{ background-color:#D5E800 }
```

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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