

Converting Colors

Hex(D7ED2A)

Have a look what the booklet for
Hex(D7ED2A) contains.

Hex(D7ED2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D7ED2A)

Conversions

Conversions Part 1

Format	Color
Hex	D7ED2A
RGB	215, 237, 42
RGB Percent	84%, 93%, 16%
CMY	0.1569, 0.0706, 0.8353
CMYK	0.09, 0.00, 0.82, 0.07
HSL	67°, 84%, 55%
HSV	67°, 82%, 93%
XYZ	58.7264, 75.1826, 13.6070
YIQ	208.1920, 49.4830, -65.3090

Conversions

Conversions Part 2

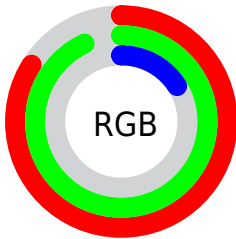
Format	Color
R_{YB}	42, 237, 64
Decimal	14150954
CIE _{Lab}	89.48, -28.79, 81.87
CIE _{LCh}	89, 86.781, 109.373
Yxy	75.1826, 0.3981, 0.5097
Android (android.graphics.Color)	4292341034 (0xFFD7ED2A)
YUV	208.1920, -81.9327, 5.9706
Hunter-Lab	86.7079, -30.8425, 51.3912

Details

The Hex color **D7ED2A** 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 **402AED**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF6C**, and **9CB500** is the 20% darker color. If you saturate the color by 10%, you get **D4ED12**, and if you desaturate by 10%, it is **DAED42**.

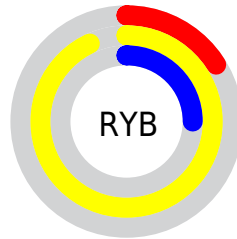
Distribution



Red (84%)

Green (93%)

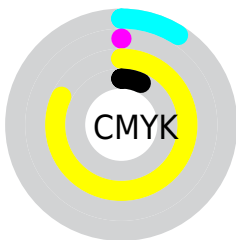
Blue (16%)



Red (16%)

Yellow (93%)

Blue (25%)

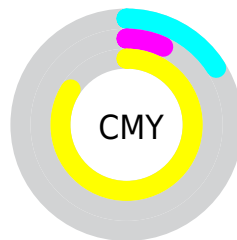


Cyan (9%)

Magenta (0%)

Yellow (82%)

Black (7%)



Cyan (16%)

Magenta (7%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7ED2A 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 D7ED2A by changing the saturation by 10% instead.

 D7ED2A

 D7ED2A

FFFFFF

 B9D100

 FFFF6C

 9CB500

 FFFF89

 7F9A00

 FFFFA6

 638000

 FFFF C4

 466700

 FFFF E1

 294F00

 0A3800

 002300

 000000

 D7ED2A

 D7ED2A

 D4ED12

 DAED42

 D2ED00

 DCED59

 DFED71

 E2ED89

 E4EDA0

 E7EDB8

 EAEDD0

 ECEDE8

 EFEDFF

Harmonies

Analogous

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



FFD227



D7ED2A



6FFE6E

Triad

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



D7ED2A



00FFFF



FF94FF

Complementary

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



D7ED2A



402AED

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.



FFB2FF



D7ED2A



00F3FF

Square

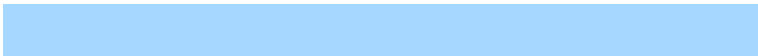
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7ED2A



00FFFF



A6D7FF



FF93AF

Rectangle

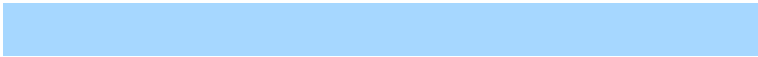
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7ED2A



00FFA3



A6D7FF



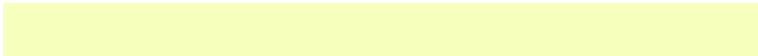
FF9CFF

Sweetspot

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



D7ED2A



F8FFBF



ED3D2A



7B8059



000000



808080

Same Dimension

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



D7ED2A



E3FF03



78ED2A



74756A



A1B500



303600

Inverse Universe

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



402AED



1F03FF



9F2AED



6B6A75



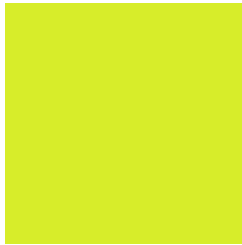
1400B5



060036

Previews

White Background



This preview shows how the Hex color D7ED2A looks on a white background.

Color Contrast Check

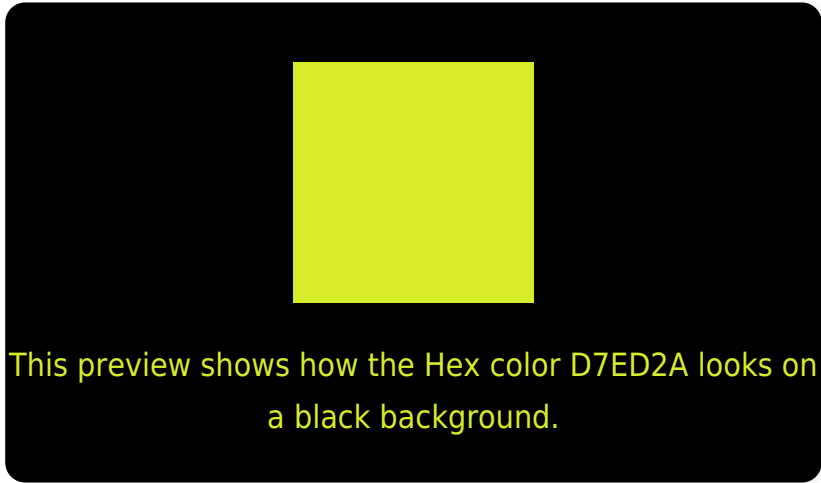
Large Text (above 18pt) WCAG AA × Fail

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 D7ED2A Background



This preview shows how black text looks on a background with the Hex color D7ED2A.

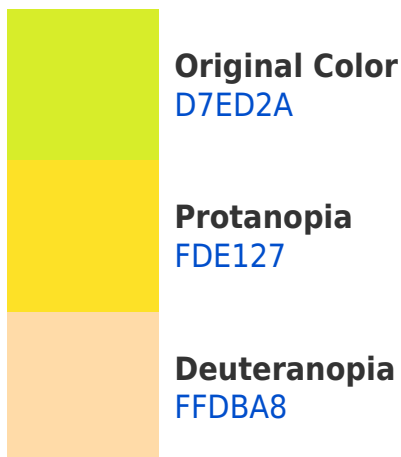


This preview shows how white text looks on a background with the Hex color D7ED2A.

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](#).

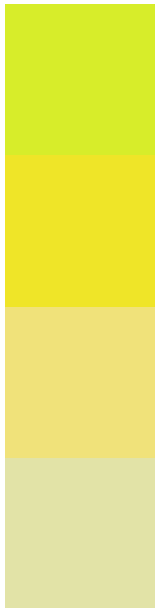
Dichromacy





Tritanopia
E8DDEE

Trichromacy



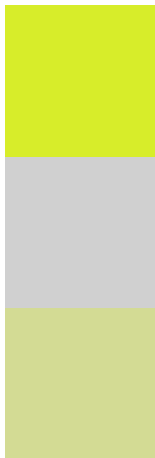
Original Color
D7ED2A

Protanomaly
EFE528

Deuteranomaly
F0E27A

Tritanomaly
E2E3A7

Monochromacy



Original Color
D7ED2A

Achromatopsia
D0D0D0

Achromatomaly
D3DB94

CSS Examples

Text

The CSS property to change the color of the text to Hex D7ED2A 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 #D7ED2A looks like.

```
.text, #text, p{  
    color:#D7ED2A  
}
```

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 #D7ED2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7ED2A
}
```

Border

The CSS property to change the border of an element to Hex D7ED2A 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
#D7ED2A }
```

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

```
.border{ border-color:#D7ED2A }
```

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

Here you see how a box with a 4 pixel #D7ED2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7ED2A; -webkit-box-shadow:4px 4px  
4px 4px #D7ED2A; box-shadow:4px 4px 4px  
4px #D7ED2A }
```

Background

The CSS property to change the background color of an element to Hex D7ED2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7ED2A }
```

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

```
.background{ background-color:#D7ED2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor