

Converting Colors

Hex(D7ED32)

Have a look what the booklet for
Hex(D7ED32) contains.

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Color

Hex(D7ED32)

Conversions

Conversions Part 1

Format	Color
Hex	D7ED32
RGB	215, 237, 50
RGB Percent	84%, 93%, 20%
CMY	0.1569, 0.0706, 0.8039
CMYK	0.09, 0.00, 0.79, 0.07
HSL	67°, 84%, 56%
HSV	67°, 79%, 93%
XYZ	58.8842, 75.2457, 14.4380
YIQ	209.1040, 46.9150, -62.8210

Conversions

Conversions Part 2

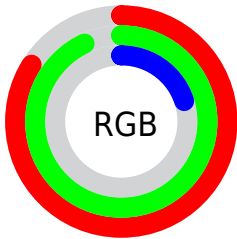
Format	Color
RYB	50, 237, 72
Decimal	14150962
CIELab	89.51, -28.53, 79.92
CIELCh	90, 84.864, 109.647
Yxy	75.2457, 0.3963, 0.5065
Android (android.graphics.Color)	4292341042 (0xFFD7ED32)
YUV	209.1040, -78.4383, 5.1708
Hunter-Lab	86.7443, -30.6322, 50.8526

Details

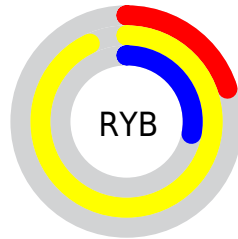
The Hex color **D7ED32** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **4832ED**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF71**, and **9CB500** is the 20% darker color. If you saturate the color by 10%, you get **D4ED1A**, and if you desaturate by 10%, it is **DAED4A**.

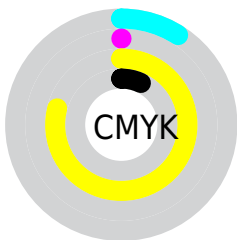
Distribution



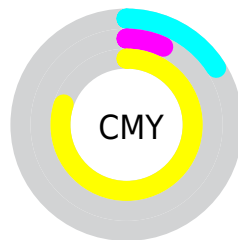
- Red (84%)
- Green (93%)
- Blue (20%)



- Red (20%)
- Yellow (93%)
- Blue (28%)



- Cyan (9%)
- Magenta (0%)
- Yellow (79%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7ED32 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 D7ED32 by changing the saturation by 10% instead.

 D7ED32

 D7ED32

FFFFFF

 B9D100

 FFFF71

 9CB500

 FFFF8E

 7F9A00

 FFFFAB

 638000

 FFFF8C

 476700

 FFFF66

 2A4F00

 0B3800

 002300

 000000

 D7ED32

 D7ED32

 D4ED1A

 DAED4A

 D1ED03

 DDED61

 D1ED00

 DFED79

 E2ED91

 E5EDA9

 E8EDC0

 EBEDD8

 EDEDF0

 F0EDFF

Harmonies

Analogous

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



FFD32E



D7ED32



72FD71

Triad

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



D7ED32



00FFFF



FF96FF

Complementary

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



D7ED32



4832ED

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.



FFB4FF



D7ED32



00F2FF

Square

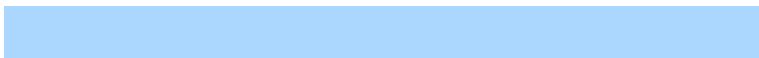
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7ED32



00FFFF



ABD7FF



FF96AF

Rectangle

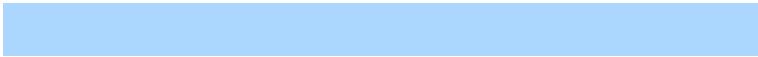
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7ED32



00FFA5



ABD7FF



FF9EFF

Sweetspot

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



D7ED32



F8FFC2



ED4832



7B805B



000000



808080

Same Dimension

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



D7ED32



E3FF0D



7AED32



74756A



A0B500



2F3600

Inverse Universe

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



4832ED



290DFF



A532ED



6B6A75



1500B5



060036

Previews

White Background



This preview shows how the Hex color D7ED32 looks on a white background.

Color Contrast Check

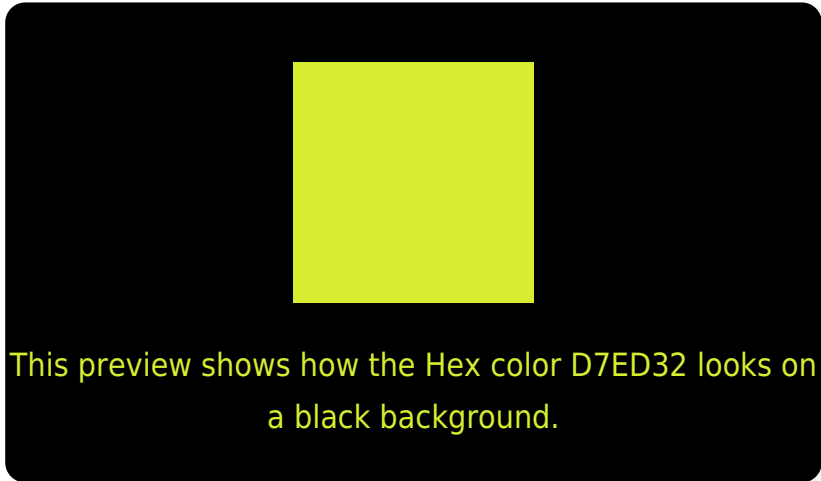
Large Text (above 18pt) WCAG AA × Fail

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 D7ED32 Background



This preview shows how black text looks on a background with the Hex color D7ED32.



This preview shows how white text looks on a background with the Hex color D7ED32.

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



Original Color
D7ED32

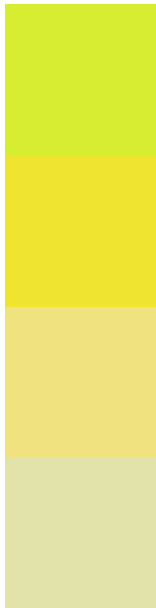
Protanopia
FDE12F

Deuteranopia
FFDBA9



Tritanopia
E8DDEE

Trichromacy



Original Color
D7ED32

Protanomaly
EFE530

Deuteranomaly
F0E27E

Tritanomaly
E2E3AA

Monochromacy



Original Color
D7ED32

Achromatopsia
D1D1D1

Achromatomaly
D3DB97

CSS Examples

Text

The CSS property to change the color of the text to Hex D7ED32 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 #D7ED32 looks like.

```
.text, #text, p{  
    color:#D7ED32  
}
```

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 #D7ED32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7ED32
}
```

Border

The CSS property to change the border of an element to Hex D7ED32 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
#D7ED32 }
```

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

```
.border{ border-color:#D7ED32 }
```

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

Here you see how a box with a 4 pixel #D7ED32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7ED32; -webkit-box-shadow:4px 4px  
4px 4px #D7ED32; box-shadow:4px 4px 4px  
4px #D7ED32 }
```

Background

The CSS property to change the background color of an element to Hex D7ED32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7ED32 }
```

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

```
.background{ background-color:#D7ED32 }
```

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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