

Converting Colors

Hex(D7F71B)

Have a look what the booklet for
Hex(D7F71B) contains.

Hex(D7F71B)	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(D7F71B)

Conversions

Conversions Part 1

Format	Color
Hex	D7F71B
RGB	215, 247, 27
RGB Percent	84%, 97%, 11%
CMY	0.1569, 0.0314, 0.8941
CMYK	0.13, 0.00, 0.89, 0.03
HSL	69°, 93%, 54%
HSV	69°, 89%, 97%
XYZ	61.4829, 81.0477, 13.4402
YIQ	212.3520, 51.5480, -75.2040

Conversions

Conversions Part 2

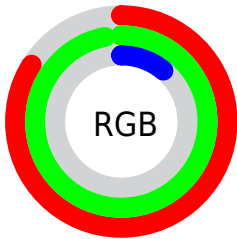
Format	Color
R _Y B	27, 247, 59
Decimal	14153499
CIE Lab	92.15, -33.75, 86.89
CIE LCh	92, 93.215, 111.229
Yxy	81.0477, 0.3942, 0.5196
Android (android.graphics.Color)	4292343579 (0xFFD7F71B)
YUV	212.3520, -91.3785, 2.3223
Hunter-Lab	90.0265, -35.6412, 54.1671

Details

The Hex color **D7F71B** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **3B1BF7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF65**, and **9BBF00** is the 20% darker color. If you saturate the color by 10%, you get **D3F702**, and if you desaturate by 10%, it is **DBF734**.

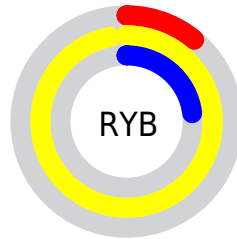
Distribution



Red (84%)

Green (97%)

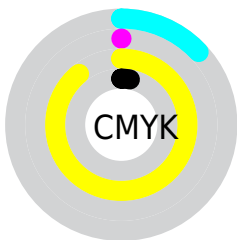
Blue (11%)



Red (11%)

Yellow (97%)

Blue (23%)

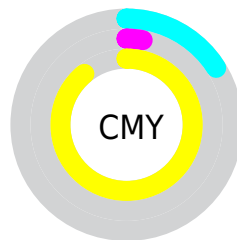


Cyan (13%)

Magenta (0%)

Yellow (89%)

Black (3%)



Cyan (16%)

Magenta (3%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7F71B 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 D7F71B by changing the saturation by 10% instead.

 D7F71B

 D7F71B

FFFFFF

 B9DB00

 FFFF65

 9BBF00

 FFFF83

 7EA400

 FFFFA1

 618900

 FFFFBF

 447000

 FFFFDD

 265700

 FFFFFB

 013F00

 002900

 000E00

 D7F71B

 D7F71B

 D3F702

 DBF734

 D3F700

 DEF74C

 E2F765

 E5F77E

 E9F796

 EDF7AF

 F0F7C8

 F4F7E1

 F7F7F9

Harmonies

Analogous

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



FFDB08



D7F71B



5EFF70

Triad

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



D7F71B



00FFFF



FF91FF

Complementary

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



D7F71B



3B1BF7

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.



FFB3FF



D7F71B



00FBFF

Square

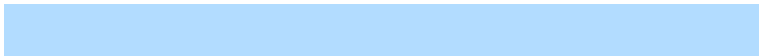
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7F71B



00FFFF



B2DCFF



FF94AD

Rectangle

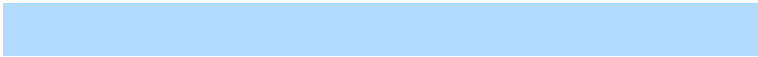
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7F71B



00FFAB



B2DCFF



FF9AFF

Sweetspot

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



D7F71B



F5FFBA



F7381B



7A8057



000000



808080

Same Dimension

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



D7F71B



DAFF00



6CF71B



797A6E



9FBA00



323B00

Inverse Universe

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



3B1BF7



2500FF



A61BF7



706E7A



1B00BA



09003B

Previews

White Background



This preview shows how the Hex color D7F71B looks on a white background.

Color Contrast Check

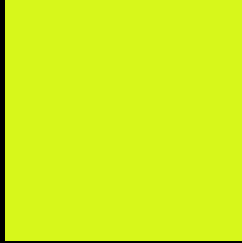
Large Text (above 18pt) WCAG AA × Fail

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 D7F71B 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 D7F71B Background



This preview shows how black text looks on a background with the Hex color D7F71B.

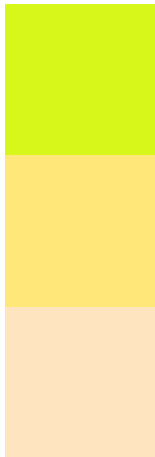


This preview shows how white text looks on a background with the Hex color D7F71B.

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
D7F71B

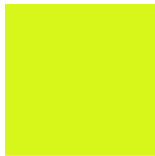
Protanopia
FFE879

Deuteranopia
FFE4C0



Tritanopia
EAE6F8

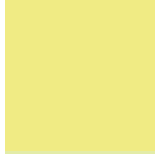
Trichromacy



Original Color
D7F71B



Protanomaly
F0ED57



Deuteranomaly
F0EB84

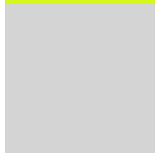


Tritanomaly
E3ECA8

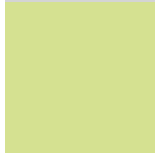
Monochromacy



Original Color
D7F71B



Achromatopsia
D4D4D4



Achromatomaly
D5E191

CSS Examples

Text

The CSS property to change the color of the text to Hex D7F71B 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 #D7F71B looks like.

```
.text, #text, p{  
    color:#D7F71B  
}
```

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 #D7F71B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7F71B
}
```

Border

The CSS property to change the border of an element to Hex D7F71B 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
#D7F71B }
```

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

```
.border{ border-color:#D7F71B }
```

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

Here you see how a box with a 4 pixel #D7F71B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7F71B; -webkit-box-shadow:4px 4px  
4px 4px #D7F71B; box-shadow:4px 4px 4px  
4px #D7F71B }
```

Background

The CSS property to change the background color of an element to Hex D7F71B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7F71B }
```

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

```
.background{ background-color:#D7F71B }
```

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