

Converting Colors

Hex(D6F71B)

Have a look what the booklet for
Hex(D6F71B) contains.

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Color

Hex(D6F71B)

Conversions

Conversions Part 1

Format	Color
Hex	D6F71B
RGB	214, 247, 27
RGB Percent	84%, 97%, 11%
CMY	0.1608, 0.0314, 0.8941
CMYK	0.13, 0.00, 0.89, 0.03
HSL	69°, 93%, 54%
HSV	69°, 89%, 97%
XYZ	61.1901, 80.8968, 13.4265
YIQ	212.0530, 50.9520, -75.4160

Conversions

Conversions Part 2

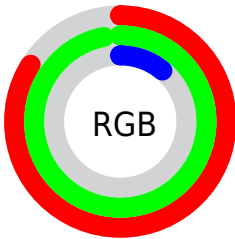
Format	Color
R _Y B	27, 247, 60
Decimal	14087963
CIE Lab	92.09, -34.15, 86.81
CIE LCh	92, 93.283, 111.476
Yxy	80.8968, 0.3935, 0.5202
Android (android.graphics.Color)	4292278043 (0xFFD6F71B)
YUV	212.0530, -91.2311, 1.7075
Hunter-Lab	89.9426, -35.9618, 54.1091

Details

The Hex color **D6F71B** 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 **3C1BF7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF65**, and **9ABF00** is the 20% darker color. If you saturate the color by 10%, you get **D2F702**, and if you desaturate by 10%, it is **DAF734**.

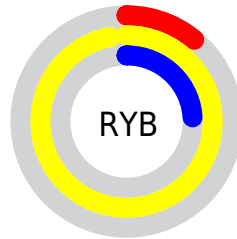
Distribution



Red (84%)

Green (97%)

Blue (11%)



Red (11%)

Yellow (97%)

Blue (24%)

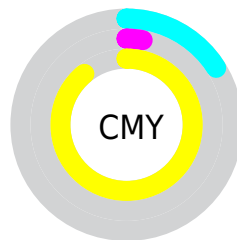


Cyan (13%)

Magenta (0%)

Yellow (89%)

Black (3%)



Cyan (16%)

Magenta (3%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6F71B 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 D6F71B by changing the saturation by 10% instead.

 D6F71B

 D6F71B

FFFFFF

 B8DB00

 FFFF65

 9ABF00

 FFFF83

 7DA400

 FFFFA1

 608900

 FFFFBF

 437000

 FFFFDD

 255700

 FFFFFB

 003F00

 002900

 000E00

 D6F71B

 D6F71B

 D2F702

 DAF734

 D2F700

 DDF74C

 E1F765

 E5F77E

 E9F796

 ECF7AF

 F0F7C8

 F4F7E1

 F7F7F9

Harmonies

Analogous

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



FFDB05



D6F71B



5CFF71

Triad

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



D6F71B



00FFFF



FF91FF

Complementary

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



D6F71B



3C1BF7

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



D6F71B



00FAFF

Square

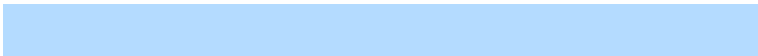
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D6F71B



00FFFF



B4DBFF



FF93AC

Rectangle

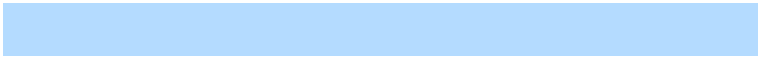
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6F71B



00FFAC



B4DBFF



FF99FF

Sweetspot

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



D6F71B



F5FFBA



F73C1B



798057



000000



808080

Same Dimension

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



D6F71B



D9FF00



68F71B



797A6E



9EBA00



323B00

Inverse Universe

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



3C1BF7



2600FF



AA1BF7



706E7A



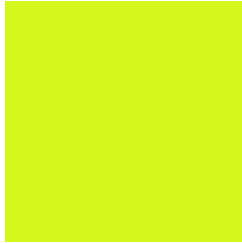
1C00BA



09003B

Previews

White Background



This preview shows how the Hex color D6F71B looks on a white background.

Color Contrast Check

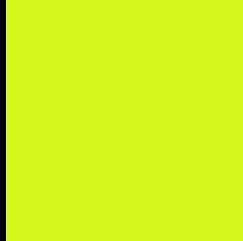
Large Text (above 18pt) WCAG AA × Fail

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 D6F71B 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 D6F71B Background



This preview shows how black text looks on a background with the Hex color D6F71B.

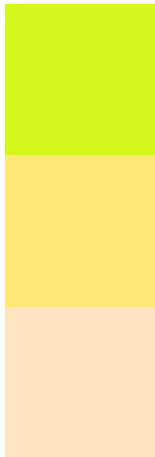


This preview shows how white text looks on a background with the Hex color D6F71B.

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
D6F71B

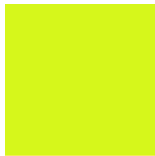
Protanopia
FFE877

Deuteranopia
FFE4C0



Tritanopia
E9E6F8

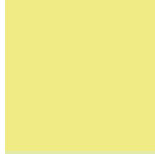
Trichromacy



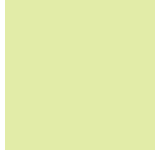
Original Color
D6F71B



Protanomaly
F0ED56



Deuteranomaly
F0EB84

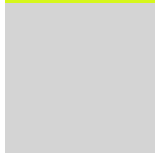


Tritanomaly
E2ECA8

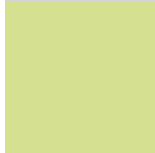
Monochromacy



Original Color
D6F71B



Achromatopsia
D4D4D4



Achromatomaly
D5E191

CSS Examples

Text

The CSS property to change the color of the text to Hex D6F71B 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 #D6F71B looks like.

```
.text, #text, p{  
    color:#D6F71B  
}
```

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 #D6F71B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6F71B
}
```

Border

The CSS property to change the border of an element to Hex D6F71B 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
#D6F71B }
```

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

```
.border{ border-color:#D6F71B }
```

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

Here you see how a box with a 4 pixel #D6F71B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6F71B; -webkit-box-shadow:4px 4px  
4px 4px #D6F71B; box-shadow:4px 4px 4px  
4px #D6F71B }
```

Background

The CSS property to change the background color of an element to Hex D6F71B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6F71B }
```

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

```
.background{ background-color:#D6F71B }
```

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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