

Converting Colors

Hex(D1FE47)

Have a look what the booklet for
Hex(D1FE47) contains.

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Color

Hex(D1FE47)

Conversions

Conversions Part 1

Format	Color
Hex	D1FE47
RGB	209, 254, 71
RGB Percent	82%, 100%, 28%
CMY	0.1804, 0.0039, 0.7216
CMYK	0.18, 0.00, 0.72, 0.00
HSL	75°, 99%, 64%
HSV	75°, 72%, 100%
XYZ	62.8736, 84.8939, 19.0336
YIQ	219.6830, 31.9230, -66.4530

Conversions

Conversions Part 2

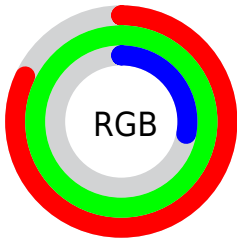
Format	Color
RYB	71, 254, 116
Decimal	13762119
CIELab	93.84, -37.78, 77.55
CIELCh	94, 86.259, 115.974
Yxy	84.8939, 0.3769, 0.5090
Android (android.graphics.Color)	4291952199 (0xFFD1FE47)
YUV	219.6830, -73.3007, -9.3690
Hunter-Lab	92.1379, -39.4353, 52.2485

Details

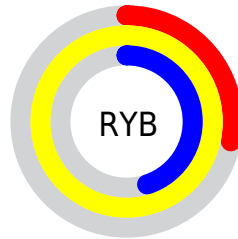
The Hex color **D1FE47** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **7447FE**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF82**, and **96C500** is the 20% darker color. If you saturate the color by 10%, you get **CBFE2E**, and if you desaturate by 10%, it is **D7FE60**.

Distribution



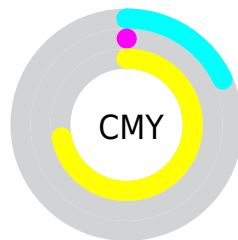
- Red (82%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (72%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1FE47 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 D1FE47 by changing the saturation by 10% instead.

 D1FE47

FFFFFF

 FFFF82

 FFFF9F

 FFFFBC

 FFFFFDA

 FFFFF8

 D1FE47

 B3E124

 96C500

 79AA00

 5D8F00

 407500

 205C00

 004400

 002D00

 001600

 D1FE47

 D1FE47

 CBFE2E

 D7FE60

 C5FE14

 DDFE7A

 C0FE00

 E4FE93

 EAFEAD

 F0FEC6

 F6FEDF

 FDFEF9

FFFEFF

Harmonies

Analogous

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



FFE532



D1FE47



5BFF8B

Triad

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



D1FE47



00FFFF



FF9FFC

Complementary

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



D1FE47



7447FE

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.



FFB7FF



D1FE47



00FAFF

Square

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



D1FE47



00FFFF



D9DCFF



FFA6A9

Rectangle

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



D1FE47



00FFC2



D9DCFF



FFA4FF

Sweetspot

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



D1FE47



F1FFC7



FE7247



77805E



000000



808080

Same Dimension

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



D1FE47



C9FF24



78FE47



7C8073



90BF00



304000

Inverse Universe

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



7447FE



5A24FF



CD47FE



767380



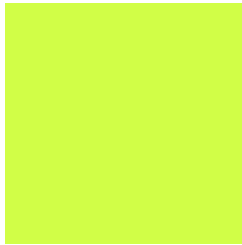
2F00BF



100040

Previews

White Background



This preview shows how the Hex color D1FE47 looks on a white background.

Color Contrast Check

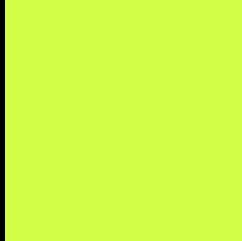
Large Text (above 18pt) WCAG AA × Fail

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 D1FE47 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 D1FE47 Background



This preview shows how black text looks on a background with the Hex color D1FE47.

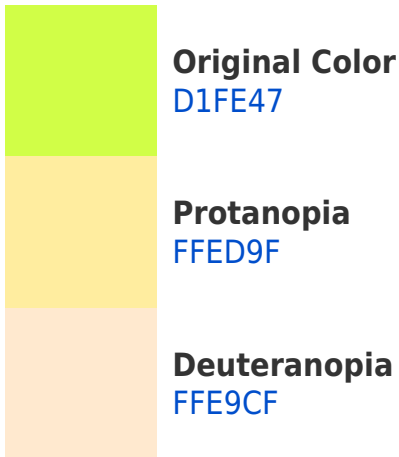


This preview shows how white text looks on a background with the Hex color D1FE47.

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](#).

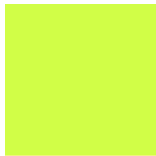
Dichromacy





Tritanopia
E5EDFF

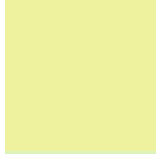
Trichromacy



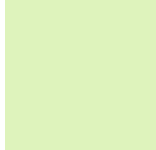
Original Color
D1FE47



Protanomaly
EEF37F

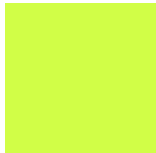


Deuteranomaly
EEF19E

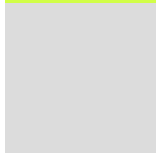


Tritanomaly
DEF3BC

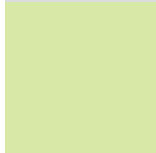
Monochromacy



Original Color
D1FE47



Achromatopsia
DCDCDC



Achromatomaly
D8E8A6

CSS Examples

Text

The CSS property to change the color of the text to Hex D1FE47 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 #D1FE47 looks like.

```
.text, #text, p{  
    color:#D1FE47  
}
```

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 #D1FE47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1FE47
}
```

Border

The CSS property to change the border of an element to Hex D1FE47 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
#D1FE47 }
```

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

```
.border{ border-color:#D1FE47 }
```

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

Here you see how a box with a 4 pixel #D1FE47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1FE47; -webkit-box-shadow:4px 4px  
4px 4px #D1FE47; box-shadow:4px 4px 4px  
4px #D1FE47 }
```

Background

The CSS property to change the background color of an element to Hex D1FE47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1FE47 }
```

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

```
.background{ background-color:#D1FE47 }
```

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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