

Converting Colors

Hex(DFFD35)

Have a look what the booklet for
Hex(DFFD35) contains.

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Color

Hex(DFFD35)

Conversions

Conversions Part 1

Format	Color
Hex	DFFD35
RGB	223, 253, 53
RGB Percent	87%, 99%, 21%
CMY	0.1255, 0.0078, 0.7922
CMYK	0.12, 0.00, 0.79, 0.01
HSL	69°, 98%, 60%
HSV	69°, 79%, 99%
XYZ	66.1993, 86.1956, 16.5165
YIQ	221.2300, 46.3200, -68.5600

Conversions

Conversions Part 2

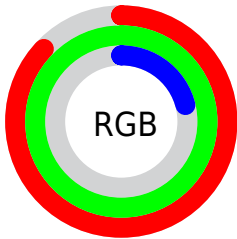
Format	Color
RYB	53, 253, 83
Decimal	14679349
CIELab	94.40, -32.64, 83.67
CIELCh	94, 89.814, 111.307
Yxy	86.1956, 0.3919, 0.5103
Android (android.graphics.Color)	4292869429 (0xFFDFFD35)
YUV	221.2300, -82.9374, 1.5523
Hunter-Lab	92.8416, -35.1960, 54.4414

Details

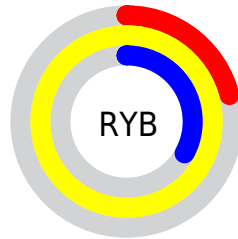
The Hex color **DFFD35** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **5335FD**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFF75**, and **A3C400** is the 20% darker color. If you saturate the color by 10%, you get **DBFD1C**, and if you desaturate by 10%, it is **E3FD4E**.

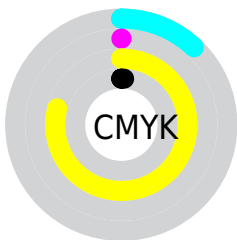
Distribution



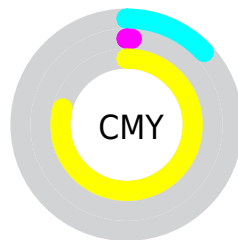
- Red (87%)
- Green (99%)
- Blue (21%)



- Red (21%)
- Yellow (99%)
- Blue (33%)



- Cyan (12%)
- Magenta (0%)
- Yellow (79%)
- Black (1%)



- Cyan (13%)
- Magenta (1%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFFD35 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 DFFD35 by changing the saturation by 10% instead.

 DFFD35

 DFFD35

FFFFFF

 C1E000

 FFFF75

 A3C400

 FFFF92

 86A900

 FFFFB0

 698F00

 FFFFCE

 4D7500

 FFFFEB

 2F5C00

 0F4400

 002E00

 001800

 DFFD35

 DFFD35

 DBFD1C

 E3FD4E

 D7FD02

 E7FD68

 D7FD00

 EAFD81

 EEFD9A

 F2FDB4

 F6FDCD

 FAFDE6

 FDFDFF

 FFFDFF

Harmonies

Analogous

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



FFE22B



DFFD35



6EFF7C

Triad

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



DFFD35



00FFFF



FF9DFF

Complementary

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



DFFD35



5335FD

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.



FFBCFF



DFFD35



00FFFF

Square

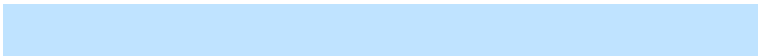
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DFFD35



00FFFF



BFE3FF



FF9FB5

Rectangle

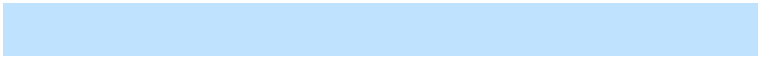
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFFD35



00FFB4



BFE3FF



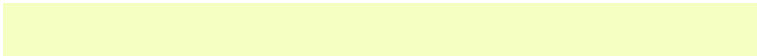
FFA5FF

Sweetspot

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



DFFD35



F6FFC2



FD5335



7A805B



000000



808080

Same Dimension

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



DFFD35



DBFF0D



7BFD35



7E8073



A3BF00



364000

Inverse Universe

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



5335FD



310DFF



B735FD



757380



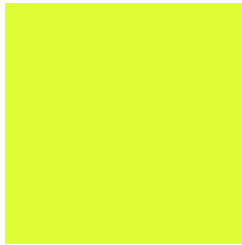
1D00BF



0A0040

Previews

White Background



This preview shows how the Hex color DFFD35 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 DFFD35 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 DFFD35 Background



This preview shows how black text looks on a background with the Hex color DFFD35.

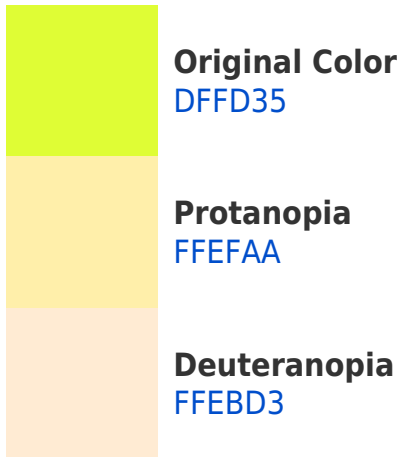


This preview shows how white text looks on a background with the Hex color DFFD35.

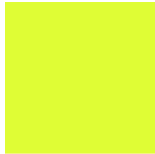
Color Blindness Simulation

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](#).

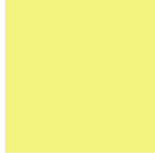
Dichromacy



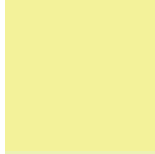
Trichromacy



Original Color
DFFD35



Protanomaly
F3F47F



Deuteranomaly
F3F29A

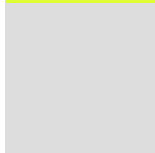


Tritanomaly
EBF2B5

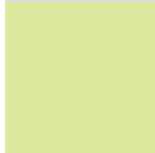
Monochromacy



Original Color
DFFD35



Achromatopsia
DDDDDD



Achromatomaly
DEE9A0

CSS Examples

Text

The CSS property to change the color of the text to Hex DFFD35 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 #DFFD35 looks like.

```
.text, #text, p{  
    color:#DFFD35  
}
```

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 #DFFD35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFFD35
}
```

Border

The CSS property to change the border of an element to Hex DFFD35 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
#DFFD35 }
```

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

```
.border{ border-color:#DFFD35 }
```

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

Here you see how a box with a 4 pixel #DFFD35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFFD35; -webkit-box-shadow:4px 4px  
4px 4px #DFFD35; box-shadow:4px 4px 4px  
4px #DFFD35 }
```

Background

The CSS property to change the background color of an element to Hex DFFD35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFFD35 }
```

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

```
.background{ background-color:#DFFD35 }
```

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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