

Converting Colors

Hex(DAFA37)

Have a look what the booklet for
Hex(DAFA37) contains.

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Color

Hex(DAFA37)

Conversions

Conversions Part 1

Format	Color
Hex	DAFA37
RGB	218, 250, 55
RGB Percent	85%, 98%, 22%
CMY	0.1451, 0.0196, 0.7843
CMYK	0.13, 0.00, 0.78, 0.02
HSL	70°, 95%, 60%
HSV	70°, 78%, 98%
XYZ	63.7886, 83.5525, 16.3797
YIQ	218.2020, 43.5230, -67.4290

Conversions

Conversions Part 2

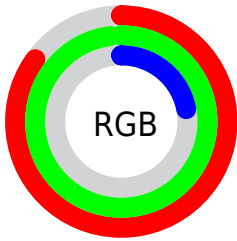
Format	Color
RYB	55, 250, 87
Decimal	14350903
CIELab	93.26, -33.17, 82.00
CIELCh	93, 88.458, 112.022
Yxy	83.5525, 0.3896, 0.5103
Android (android.graphics.Color)	4292540983 (0xFFDAFA37)
YUV	218.2020, -80.4586, -0.1772
Hunter-Lab	91.4070, -35.3956, 53.3605

Details

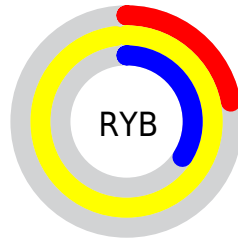
The Hex color **DAFA37** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **5737FA**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF76**, and **9FC200** is the 20% darker color. If you saturate the color by 10%, you get **D6FA1E**, and if you desaturate by 10%, it is **DEFA50**.

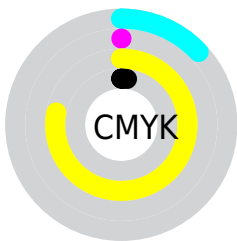
Distribution



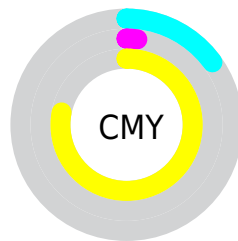
- Red (85%)
- Green (98%)
- Blue (22%)



- Red (22%)
- Yellow (98%)
- Blue (34%)



- Cyan (13%)
- Magenta (0%)
- Yellow (78%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAFA37 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 DAFA37 by changing the saturation by 10% instead.

 DAFA37

 DAFA37

FFFFFF

 BCDD00

 FFFF76

 9FC200

 FFFF93

 82A600

 FFFFB1


 658C00

 FFFFCE

 487200

 FFFFEC

 2B5A00

 084200

 002B00

 001400

 DAFA37

 DAFA37

 D6FA1E

 DEFA50

 D2FA05

 E2FA69

 D1FA00

 E6FA82

 EAFA9B

 EFFAB4

 F3FACD

 F7FAE6

 FBFAFF

 FFFAFF

Harmonies

Analogous

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



FFE02B



DAFA37



6AFF7C

Triad

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



DAFA37



00FFFF



FF9BFF

Complementary

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



DAFA37



5737FA

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.



FFB9FF



DAFA37



00FCFF

Square

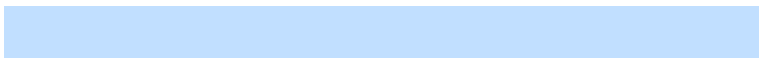
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DAFA37



00FFFF



C1DFFF



FF9EB1

Rectangle

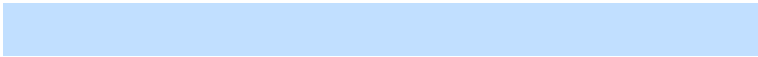
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DAFA37



00FFB4



C1DFFF



FFA3FF

Sweetspot

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



DAFA37



F5FFC4



FA5437



7A805C



000000



808080

Same Dimension

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



DAFA37



D8FF0F



7BFA37



7B7D70



9EBD00



333D00

Inverse Universe

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



5737FA



370FFF



B637FA



73707D



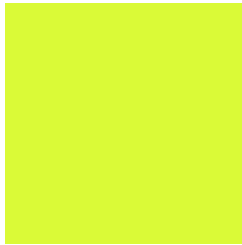
1F00BD



0A003D

Previews

White Background



This preview shows how the Hex color `Dafa37` looks on a white background.

Color Contrast Check

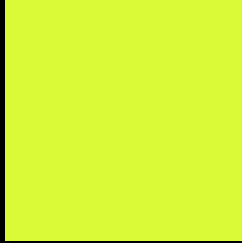
Large Text (above 18pt) WCAG AA × Fail

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 DAFA37 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 DAFA37 Background



This preview shows how black text looks on a background with the Hex color DAFA37.

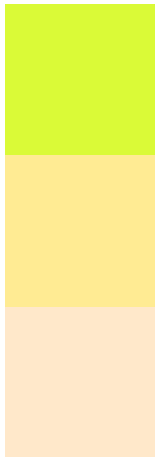


This preview shows how white text looks on a background with the Hex color DAFA37.

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
DAFA37

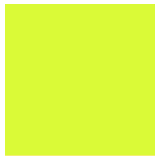
Protanopia
FFEB93

Deuteranopia
FFE8CA

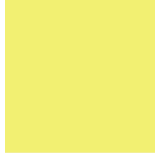


Tritanopia
EDE9FB

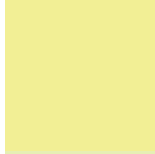
Trichromacy



Original Color
DAFA37



Protanomaly
F2F072



Deuteranomaly
F2EF95

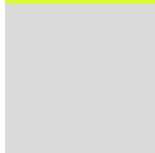


Tritanomaly
E6EFB4

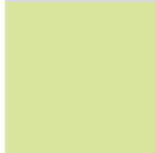
Monochromacy



Original Color
DAFA37



Achromatopsia
DADADA



Achromatomaly
DAE69F

CSS Examples

Text

The CSS property to change the color of the text to Hex DAFA37 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 #DAFA37 looks like.

```
.text, #text, p{  
    color:#DAFA37  
}
```

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 #DAFA37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAFA37
}
```

Border

The CSS property to change the border of an element to Hex DAFA37 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
#DAFA37 }
```

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

```
.border{ border-color:#DAFA37 }
```

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

Here you see how a box with a 4 pixel #DAFA37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAFA37; -webkit-box-shadow:4px 4px  
4px 4px #DAFA37; box-shadow:4px 4px 4px  
4px #DAFA37 }
```

Background

The CSS property to change the background color of an element to Hex DAFA37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAFA37 }
```

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

```
.background{ background-color:#DAFA37 }
```

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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