

Converting Colors

Hex(DAF16C)

Have a look what the booklet for
Hex(DAF16C) contains.

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Color

Hex(DAF16C)

Conversions

Conversions Part 1

Format	Color
Hex	DAF16C
RGB	218, 241, 108
RGB Percent	85%, 95%, 42%
CMY	0.1451, 0.0549, 0.5765
CMYK	0.10, 0.00, 0.55, 0.05
HSL	70°, 83%, 68%
HSV	70°, 55%, 95%
XYZ	63.0755, 78.8987, 26.0919
YIQ	218.9610, 28.9850, -46.2390

Conversions

Conversions Part 2

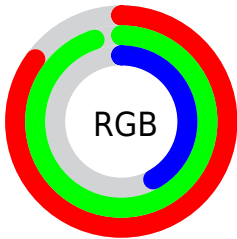
Format	Color
RYB	108, 241, 131
Decimal	14348652
CIELab	91.19, -25.89, 60.58
CIELCh	91, 65.884, 113.143
Yxy	78.8987, 0.3753, 0.4695
Android (android.graphics.Color)	4292538732 (0xFFDAF16C)
YUV	218.9610, -54.7038, -0.8428
Hunter-Lab	88.8250, -28.6890, 44.7613

Details

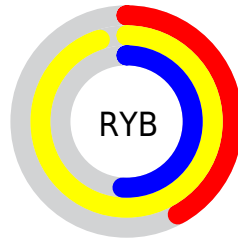
The Hex color **DAF16C** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **836CF1**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFA3**, and **A0B935** is the 20% darker color. If you saturate the color by 10%, you get **D6F154**, and if you desaturate by 10%, it is **DEF184**.

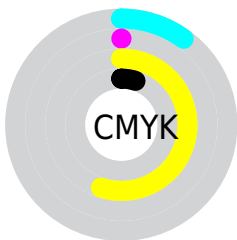
Distribution



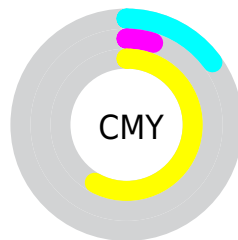
- Red (85%)
- Green (95%)
- Blue (42%)



- Red (42%)
- Yellow (95%)
- Blue (51%)



- Cyan (10%)
- Magenta (0%)
- Yellow (55%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAF16C 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 DAF16C by changing the saturation by 10% instead.

 DAF16C

FFFFFF

 FFFFA3

 FFFFBF

 FFFFDC

 FFFFF9

 DAF16C

 BDD551

 A0B935

 859E14

 698400

 4E6B00

 345200

 183B00

 002500

 000800

 DAF16C

 DAF16C

 D6F154

 DEF184

 D2F13C

 E2F19C

 CDF124

 E7F1B4

 C9F10C

 EBF1CC

 C7F100

 EFF1E4

 F3F1FD

 F7F1FF

 FBF1FF

 FFF1FF

Harmonies

Analogous

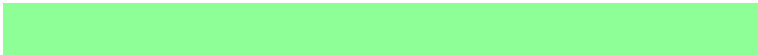
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD64



DAF16C



8EFE97

Triad

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



DAF16C



00FFFF



FFB1F7

Complementary

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



DAF16C



836CF1

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.



FFC2FF



DAF16C



32F1FF

Square

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



DAF16C



00FFFF



D2DBFF



FFB3B8

Rectangle

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



DAF16C



3BFFBF



D2DBFF



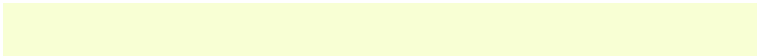
FFB5FF

Sweetspot

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



DAF16C



F8FFD4



F1826C



7B8066



000000



808080

Same Dimension

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



DAF16C



E2FF57



98F16C



76786C



98B800



2E3800

Inverse Universe

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



836CF1



7457FF



C56CF1



6E6C78



2000B8



0A0038

Previews

White Background



This preview shows how the Hex color DAF16C 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 DAF16C 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 DAF16C Background



This preview shows how black text looks on a background with the Hex color DAF16C.

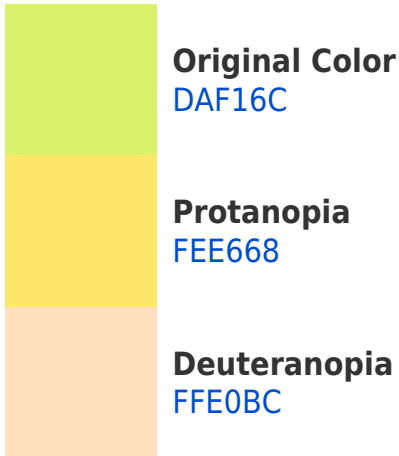


This preview shows how white text looks on a background with the Hex color DAF16C.

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](#).

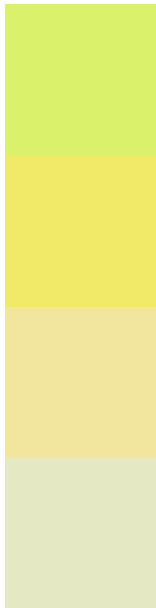
Dichromacy





Tritanopia
E9E3F4

Trichromacy



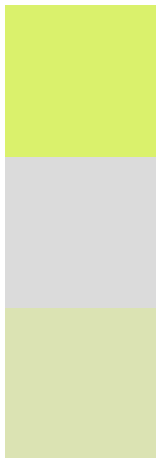
Original Color
DAF16C

Protanomaly
F1EA69

Deuteranomaly
F2E69F

Tritanomaly
E4E8C3

Monochromacy



Original Color
DAF16C

Achromatopsia
DBDBDB

Achromatomaly
DBE3B3

CSS Examples

Text

The CSS property to change the color of the text to Hex DAF16C 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 #DAF16C looks like.

```
.text, #text, p{  
    color:#DAF16C  
}
```

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 #DAF16C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAF16C
}
```

Border

The CSS property to change the border of an element to Hex DAF16C 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
#DAF16C }
```

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

```
.border{ border-color:#DAF16C }
```

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

Here you see how a box with a 4 pixel #DAF16C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAF16C; -webkit-box-shadow:4px 4px  
4px 4px #DAF16C; box-shadow:4px 4px 4px  
4px #DAF16C }
```

Background

The CSS property to change the background color of an element to Hex DAF16C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAF16C }
```

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

```
.background{ background-color:#DAF16C }
```

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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