

# Converting Colors

Hex(DAEA00)

Have a look what the booklet for  
Hex(DAEA00) contains.

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**Color**

**Hex(DAEA00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAEA00
RGB	218, 234, 0
RGB Percent	85%, 92%, 0%
CMY	0.1451, 0.0824, 1.0000
CMYK	0.07, 0.00, 1.00, 0.08
HSL	64°, 100%, 46%
HSV	64°, 100%, 92%
XYZ	58.3363, 73.7511, 11.1607
YIQ	202.5400, 65.5780, -76.1660

# Conversions

## Conversions Part 2

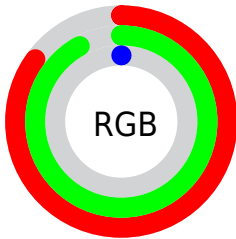
Format	Color
<a href="#">RYB</a>	<a href="#">0, 234, 16</a>
Decimal	<a href="#">14346752</a>
CIELab	<a href="#">88.80, -26.83, 87.10</a>
CIELCh	<a href="#">89, 91.136, 107.120</a>
Yxy	<a href="#">73.7511, 0.4072, 0.5148</a>
Android (android.graphics.Color)	<a href="#">4292536832</a> ( <a href="#">0xFFDAEA00</a> )
YUV	<a href="#">202.5400, -99.8522, 13.5584</a>
Hunter-Lab	<a href="#">85.8784, -29.0342, 52.4096</a>

# Details

The Hex color **DAEA00** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **1000EA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF5B**, and **9EB200** is the 20% darker color. If you saturate the color by 10%, you get **DAEA00**, and if you desaturate by 10%, it is **DCEA17**.

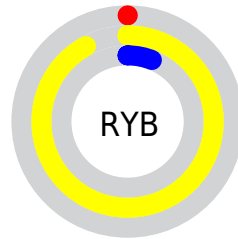
# Distribution



Red (85%)

Green (92%)

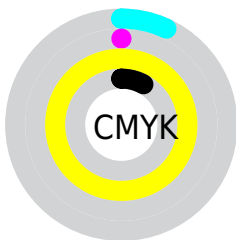
Blue (0%)



Red (0%)

Yellow (92%)

Blue (6%)

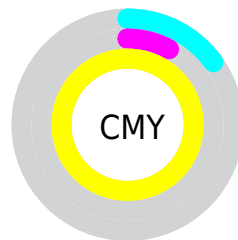


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (15%)

Magenta (8%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAEA00 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 DAEA00 by changing the saturation by 10% instead.



 DAEA00

 DAEA00

FFFFFF

 BCCE00

 FFFF5B

 9EB200

 FFFF7A

 819800

 FFFF97

 647E00

 FFFFB5

 486500

 FFFFD3

 2C4D00

 FFFFF1

 0E3600

 002200

 000000

 DAEA00

 DCEA17

 DDEA2F

 DFEA46

 E0EA5E

 E2EA75

 E4EA8C

 E5EAA4

 E7EABB

 E8EAD3

# Harmonies

## Analogous

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



FFCD11



DAEA00



6FFC5F

# Triad

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



DAEA00



00FFFF



FF8DFF

# Complementary

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



DAEA00



1000EA

# 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.



FFB1FF



DAEA00



00F4FF

# Square

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



DAEA00



00FFFF



8CD8FF



FF89B1

# Rectangle

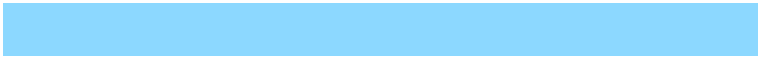
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DAEA00



00FF97



8CD8FF



FF97FF



# Sweetspot

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



DAEA00



FAFFB3



EA1000



7C8052



000000



808080



# Same Dimension

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



DAEA00



EEFF00



65EA00



74756A



A9B500



323600



# Inverse Universe

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



1000EA



1100FF



8500EA



6A6A75



0C00B5

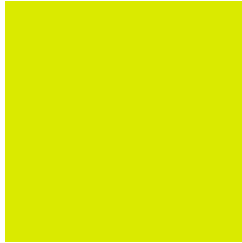


040036



# Previews

## White Background



This preview shows how the Hex color DAEA00 looks on a white background.

## Color Contrast Check

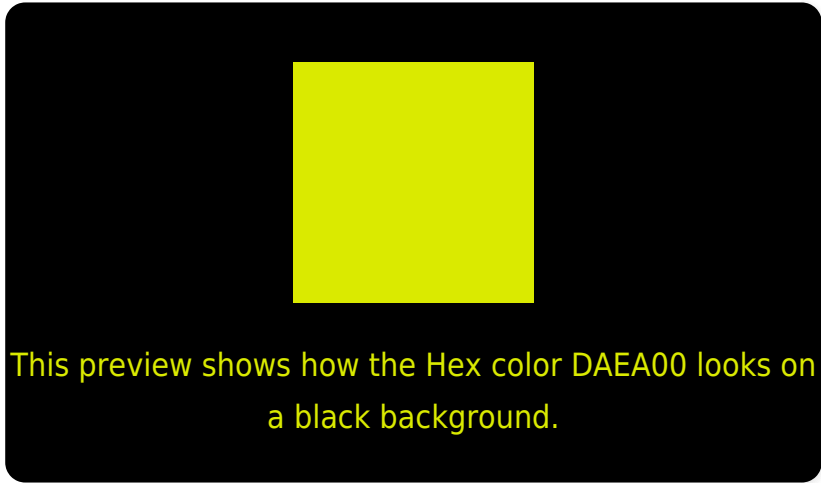
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 DAEA00 Background



This preview shows how black text looks on a background with the Hex color DAEA00.

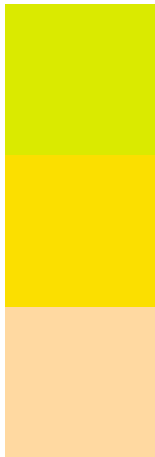


This preview shows how white text looks on a background with the Hex color DAEA00.

# 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**  
DAEA00

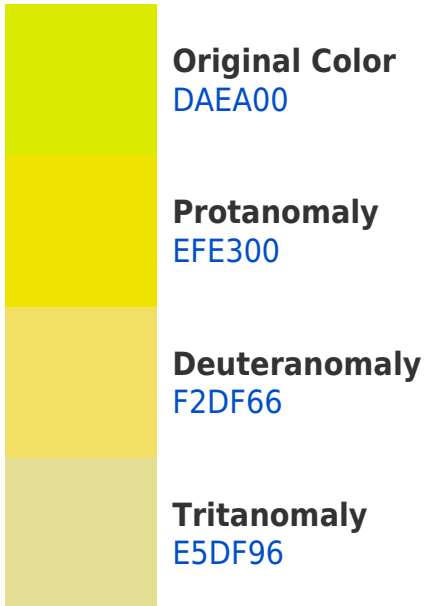
**Protanopia**  
FBDF00

**Deuteranopia**  
FFD9A1



**Tritanopia**  
EBD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAEA00 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 #DAEA00 looks like.

```
.text, #text, p{  
    color:#DAEA00  
}
```

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 #DAEA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAEA00
}
```

## Border

The CSS property to change the border of an element to Hex DAEA00 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
#DAEA00 }
```

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

```
.border{ border-color:#DAEA00 }
```

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

Here you see how a box with a 4 pixel #DAEA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAEA00; -webkit-box-shadow:4px 4px  
4px 4px #DAEA00; box-shadow:4px 4px 4px  
4px #DAEA00 }
```

# Background

The CSS property to change the background color of an element to Hex DAEA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAEA00 }
```

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

```
.background{ background-color:#DAEA00 }
```

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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