

# Converting Colors

Hex(DAEF96)

Have a look what the booklet for  
Hex(DAEF96) contains.

<b>Hex(DAEF96)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DAEF96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAEF96
RGB	218, 239, 150
RGB Percent	85%, 94%, 59%
CMY	0.1451, 0.0627, 0.4118
CMYK	0.09, 0.00, 0.37, 0.06
HSL	74°, 74%, 76%
HSV	74°, 37%, 94%
XYZ	65.2850, 78.8404, 40.6310
YIQ	222.5750, 16.0530, -32.1310

# Conversions

## Conversions Part 2

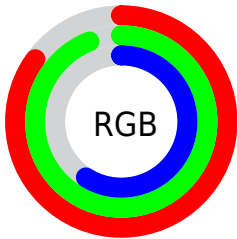
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 239, 171
Decimal	14348182
CIELab	91.16, -20.75, 40.77
CIELCh	91, 45.748, 116.968
Yxy	78.8404, 0.3534, 0.4267
Android (android.graphics.Color)	4292538262 (0xFFDAEF96)
YUV	222.5750, -35.7795, -4.0123
Hunter-Lab	88.7921, -24.1430, 35.0236

# Details

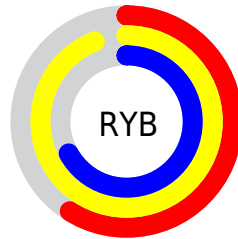
The Hex color **DAEF96** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **AB96EF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFCD**, and **A2B762** is the 20% darker color. If you saturate the color by 10%, you get **D4EF7E**, and if you desaturate by 10%, it is **E0EFAE**.

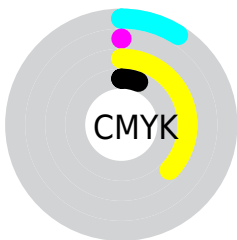
# Distribution



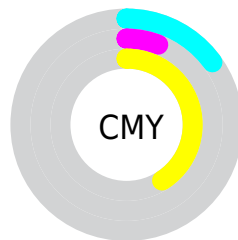
- Red (85%)
- Green (94%)
- Blue (59%)



- Red (59%)
- Yellow (94%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (37%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAEF96 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 DAEF96 by changing the saturation by 10% instead.



 DAEF96

FFFFFF

 FFFFCF

 FFFFEA

 DAEF96

 BED37B

 A2B762

 879C49

 6C8230

 536916

 3A5100

 223A00

 062400

 000800

 DAEF96

 DAEF96

 D4EF7E

 E0EFAE

 CFEF66

 E5EFC6

 C9EF4E

 EBEBDE

 C3EF36

 F1EFF6

 BEEF1F

 F6EFFF

 B8EF07

 FCEFFF

 B7EF00

 FFEFFF

# Harmonies

## Analogous

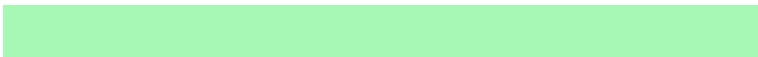
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE18E



DAEF96



A6F8B4

# Triad

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



DAEF96



55F7FF



FFC4EC

# Complementary

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



DAEF96



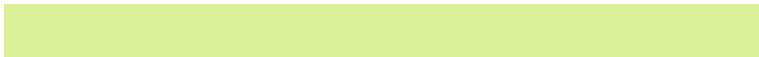
AB96EF

# 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.



FFCDFF



DAEF96



9FEBFF

# Square

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



DAEF96



38FCFF



E5DCFF



FFC7C0

# Rectangle

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



DAEF96



81FCD0



E5DCFF

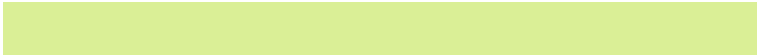


FFC6FB

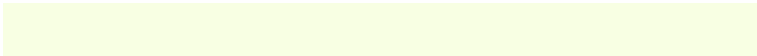


# Sweetspot

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



DAEF96



F8FFE3



EFAB96



7C806F



000000



808080

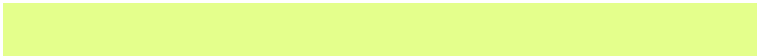


# Same Dimension

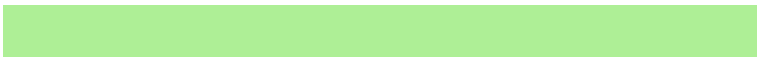
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DAEF96



E4FF8C



AEEF96



75786C



8CB800



2B3800



# Inverse Universe

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



AB96EF



A78CFF



D796EF



6F6C78



2B00B8

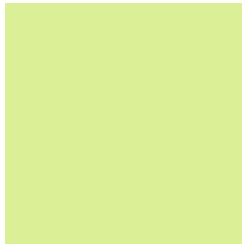


0D0038



# Previews

## White Background



This preview shows how the Hex color DAEF96 looks on a white background.

## Color Contrast Check

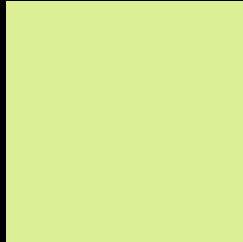
Large Text (above 18pt) WCAG AA × Fail

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 DAEF96 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

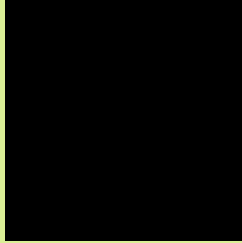
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DAEF96 Background



This preview shows how black text looks on a background with the Hex color DAEF96.

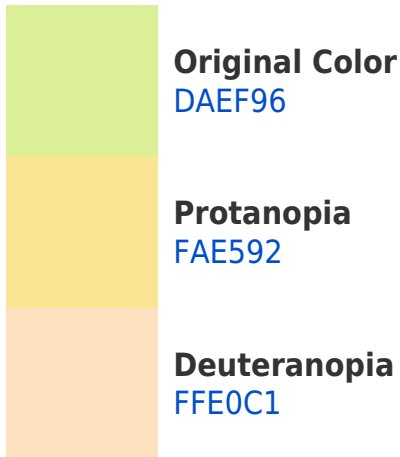


This preview shows how white text looks on a background with the Hex color DAEF96.

# 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](#).

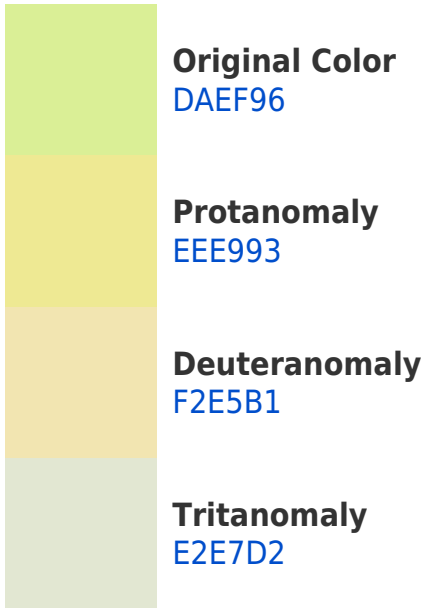
## Dichromacy



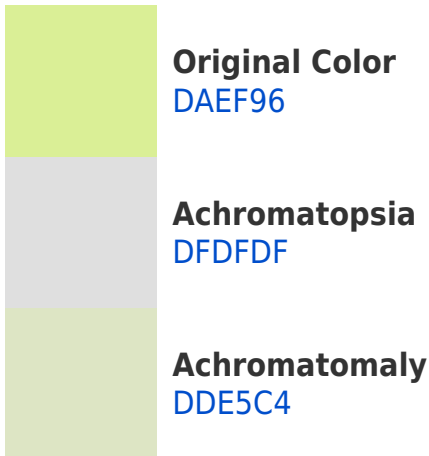


**Tritanopia**  
E6E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAEF96 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 #DAEF96 looks like.

```
.text, #text, p{  
    color:#DAEF96  
}
```

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 #DAEF96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAEF96
}
```

## Border

The CSS property to change the border of an element to Hex DAEF96 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
#DAEF96 }
```

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

```
.border{ border-color:#DAEF96 }
```

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

Here you see how a box with a 4 pixel #DAEF96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAEF96; -webkit-box-shadow:4px 4px  
4px 4px #DAEF96; box-shadow:4px 4px 4px  
4px #DAEF96 }
```

# Background

The CSS property to change the background color of an element to Hex DAEF96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAEF96 }
```

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

```
.background{ background-color:#DAEF96 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor