

# Converting Colors

Hex(DACE73)

Have a look what the booklet for  
Hex(DACE73) contains.

<b>Hex(DACE73)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(DACE73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DACE73
RGB	218, 206, 115
RGB Percent	85%, 81%, 45%
CMY	0.1451, 0.1922, 0.5490
CMYK	0.00, 0.06, 0.47, 0.15
HSL	53°, 58%, 65%
HSV	53°, 47%, 85%
XYZ	54.0793, 60.2858, 25.0057
YIQ	199.2140, 36.3630, -25.7570

# Conversions

## Conversions Part 2

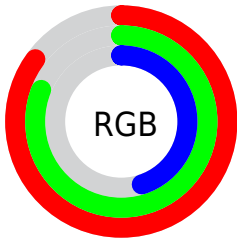
Format	Color
<b>RYB</b>	129, 218, 115
Decimal	14339699
CIELab	81.99, -8.07, 46.48
CIELCh	82, 47.171, 99.846
Yxy	60.2858, 0.3880, 0.4326
Android (android.graphics.Color)	4292529779 (0xFFDACE73)
YUV	199.2140, -41.5175, 16.4753
Hunter-Lab	77.6440, -11.5511, 35.2561

# Details

The Hex color **DACE73** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **737FDA**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFA9**, and **A19840** is the 20% darker color. If you saturate the color by 10%, you get **DACB5D**, and if you desaturate by 10%, it is **DAD189**.

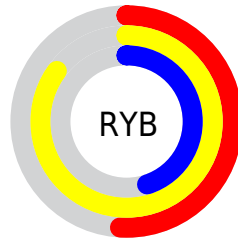
# Distribution



Red (85%)

Green (81%)

Blue (45%)



Red (51%)

Yellow (85%)

Blue (45%)

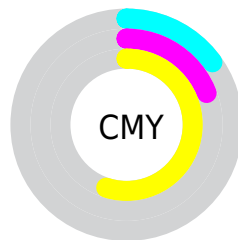


Cyan (0%)

Magenta (6%)

Yellow (47%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DACE73 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 DACE73 by changing the saturation by 10% instead.



 DACE73

 DACE73

FFFFFF

 BDB359

 FFFFA9

 A19840

 FFFFC4

 867E26

 FFFFE1

 6B6508

FFFFFFE

 514E00

 383700

 1F2200

 000D00

 000000

 DACE73

 DACE73

 DACB5D

 DAD189

 DAC947

 DAD39F

 DAC632

 DAD6B4

 DAC41C

 DAD8CA

 DAC106

 DADBE0

 DAC100

 DADDF6

 DAE0FF

 DAE2FF

 DAE5FF

# Harmonies

## Analogous

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



FFBF79



DACE73



AADA86

# Triad

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



DACE73



00E1FF



FFADEB

# Complementary

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



DACE73



737FDA

# 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.



E3BBFF



DACE73



49D9FF

# Square

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



DACE73



11E3DA



A2CBFF



FFA9BF

# Rectangle

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



DACE73



85DF9E



A2CBFF



FFB1F9



# Sweetspot

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



DACE73



FFBDB



DA737F



807D6A



000000



808080



# Same Dimension

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



DACE73



FFEE6E



B3DA73



6E6C63



AD9900



2E2900



# Inverse Universe

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



737FDA



6E7FFF



9A73DA



63646E



0014AD



00052E



# Previews

## White Background



This preview shows how the Hex color DACE73 looks on a white background.

## Color Contrast Check

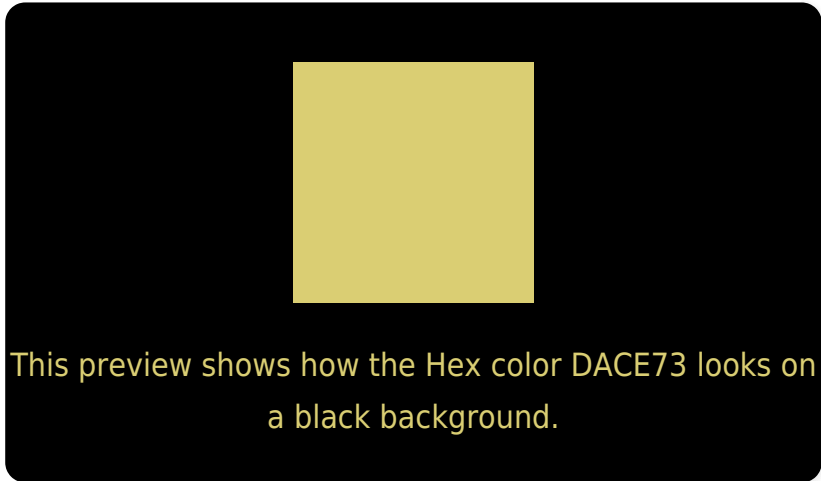
Large Text (above 18pt) WCAG AA × Fail

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

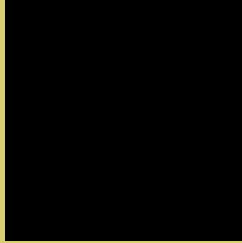
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DACE73 Background



This preview shows how black text looks on a background with the Hex color DACE73.

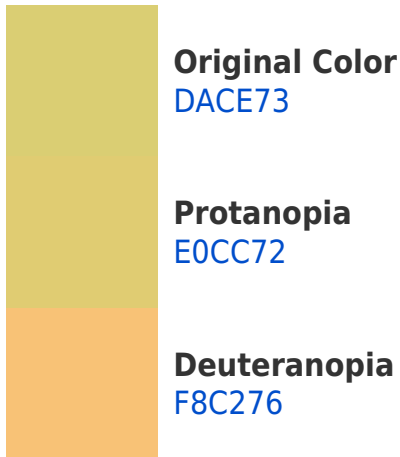


This preview shows how white text looks on a background with the Hex color DACE73.

# 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](#).

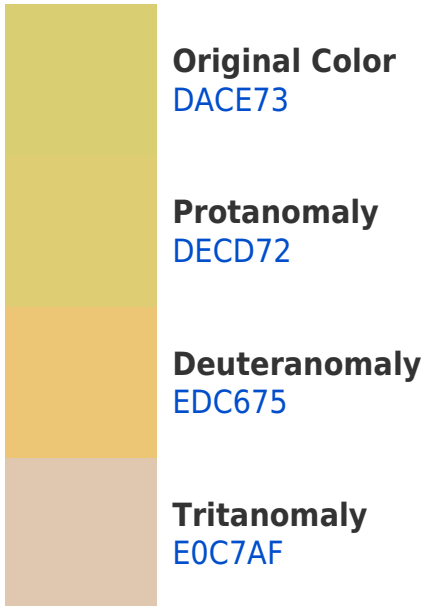
## Dichromacy



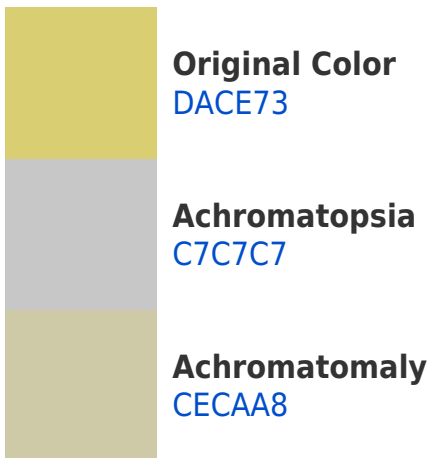


**Tritanopia**  
E4C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DACE73 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 #DACE73 looks like.

```
.text, #text, p{  
    color:#DACE73  
}
```

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 #DACE73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DACE73
}
```

## Border

The CSS property to change the border of an element to Hex DACE73 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
#DACE73 }
```

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

```
.border{ border-color:#DACE73 }
```

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

Here you see how a box with a 4 pixel #DACE73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DACE73; -webkit-box-shadow:4px 4px  
4px 4px #DACE73; box-shadow:4px 4px 4px  
4px #DACE73 }
```

# Background

The CSS property to change the background color of an element to Hex DACE73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DACE73 }
```

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

```
.background{ background-color:#DACE73 }
```

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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