

Converting Colors

Hex(DAD730)

Have a look what the booklet for
Hex(DAD730) contains.

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Color

Hex(DAD730)

Conversions

Conversions Part 1

Format	Color
Hex	DAD730
RGB	218, 215, 48
RGB Percent	85%, 84%, 19%
CMY	0.1451, 0.1569, 0.8118
CMYK	0.00, 0.01, 0.78, 0.15
HSL	59°, 70%, 52%
HSV	59°, 78%, 85%
XYZ	53.7474, 63.7197, 12.2627
YIQ	196.8590, 55.3950, -51.3010

Conversions

Conversions Part 2

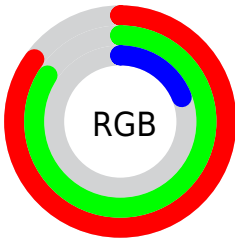
Format	Color
RYB	51, 218, 48
Decimal	14341936
CIELab	83.82, -16.79, 75.52
CIELCh	84, 77.362, 102.533
Yxy	63.7197, 0.4143, 0.4912
Android (android.graphics.Color)	4292532016 (0xFFDAD730)
YUV	196.8590, -73.3875, 18.5407
Hunter-Lab	79.8246, -19.5058, 46.7691

Details

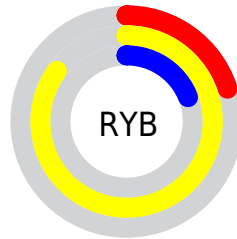
The Hex color **DAD730** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light muted yellow. A complement of this color would be **3033DA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF6D**, and **9FA100** is the 20% darker color. If you saturate the color by 10%, you get **DAD71A**, and if you desaturate by 10%, it is **DAD746**.

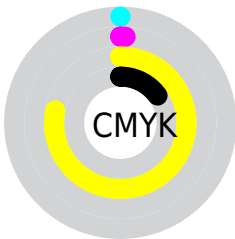
Distribution



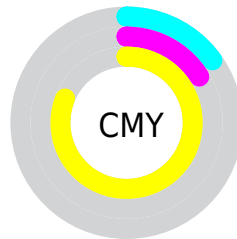
- Red (85%)
- Green (84%)
- Blue (19%)



- Red (20%)
- Yellow (85%)
- Blue (19%)



- Cyan (0%)
- Magenta (1%)
- Yellow (78%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAD730 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 DAD730 by changing the saturation by 10% instead.

 DAD730

 DAD730

FFFFFF

 BCBB00

 FFFF6D

 9FA100

 FFFF89

 828700

 FFFFA6

 676D00

 FFFFC3

 4A5500

 FFFFEO

 303E00

FFFFFFE

 162800

 001600

 000000

 DAD730

 DAD730

 DAD71A

 DAD746

 DAD604

 DAD85C

 DAD600

 DAD871

 DAD987

 DAD99D

 DAD9B3

 DADAC9

 DADADE

 DADAF4

Harmonies

Analogous

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



FFBE3D



DAD730



88E85E

Triad

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



DAD730



00F1FF



FF93FF

Complementary

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



DAD730



3033DA

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.



FCB0FF



DAD730



00E5FF

Square

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



DAD730



00F4EE



79CFFF



FF8CB5

Rectangle

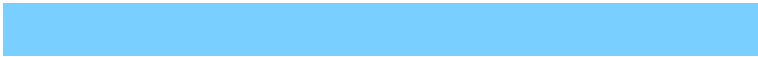
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DAD730



1FEF8A



79CFFF



FF9CFF

Sweetspot

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



DAD730



FFFE4



DA3036



807F5C



000000



808080

Same Dimension

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



DAD730



FFB0F



8BDA30



6E6D63



ADAA00



2E2D00

Inverse Universe

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



3033DA



0F14FF



7F30DA



63636E



0003AD



00012E

Previews

White Background



This preview shows how the Hex color DAD730 looks on a white background.

Color Contrast Check

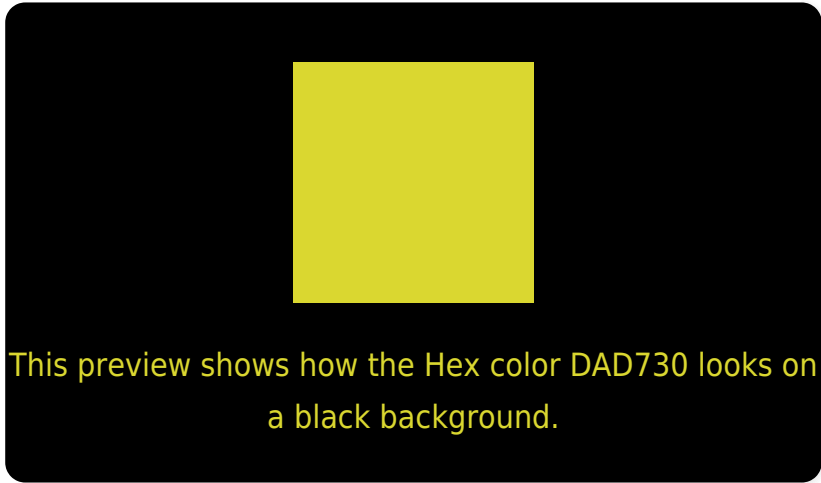
Large Text (above 18pt) WCAG AA × Fail

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 DAD730 Background



This preview shows how black text looks on a background with the Hex color DAD730.

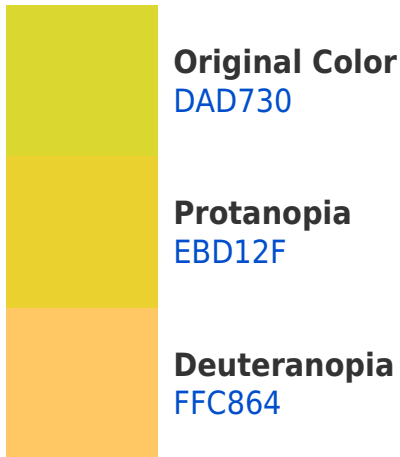


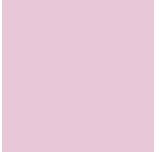
This preview shows how white text looks on a background with the Hex color DAD730.

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](#).

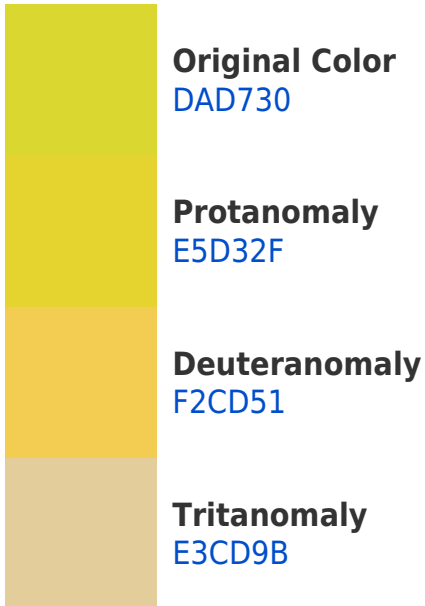
Dichromacy



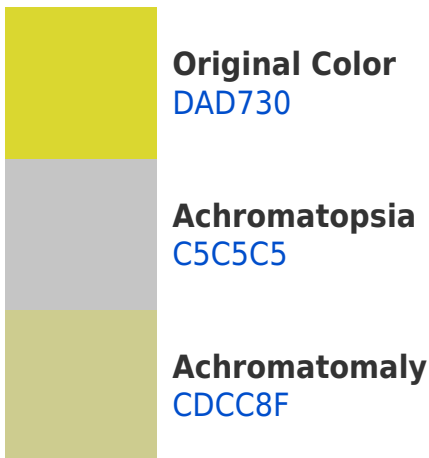


Tritanopia
E8C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DAD730 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 #DAD730 looks like.

```
.text, #text, p{  
    color:#DAD730  
}
```

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 #DAD730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAD730
}
```

Border

The CSS property to change the border of an element to Hex DAD730 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
#DAD730 }
```

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

```
.border{ border-color:#DAD730 }
```

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

Here you see how a box with a 4 pixel #DAD730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAD730; -webkit-box-shadow:4px 4px  
4px 4px #DAD730; box-shadow:4px 4px 4px  
4px #DAD730 }
```

Background

The CSS property to change the background color of an element to Hex DAD730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAD730 }
```

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

```
.background{ background-color:#DAD730 }
```

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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