

Converting Colors

Hex(DDAD30)

Have a look what the booklet for
Hex(DDAD30) contains.

Hex(DDAD30)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DDAD30)

Conversions

Conversions Part 1

Format	Color
Hex	DDAD30
RGB	221, 173, 48
RGB Percent	87%, 68%, 19%
CMY	0.1333, 0.3216, 0.8118
CMYK	0.00, 0.22, 0.78, 0.13
HSL	43°, 72%, 53%
HSV	43°, 78%, 87%
XYZ	45.2959, 45.4727, 9.1861
YIQ	173.1020, 68.7330, -28.6990

Conversions

Conversions Part 2

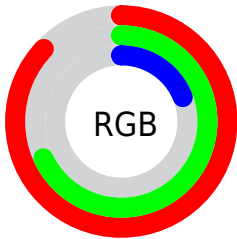
Format	Color
RYB	114, 221, 48
Decimal	14527792
CIELab	73.20, 6.06, 66.08
CIELCh	73, 66.356, 84.762
Yxy	45.4727, 0.4532, 0.4549
Android (android.graphics.Color)	4292717872 (0xFFDDAD30)
YUV	173.1020, -61.6753, 42.0065
Hunter-Lab	67.4334, 1.8921, 39.1267

Details

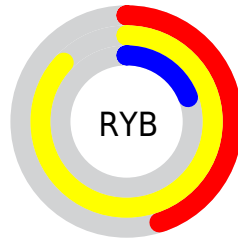
The Hex color **DDAD30** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **3060DD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE468**, and **A17900** is the 20% darker color. If you saturate the color by 10%, you get **DDA71A**, and if you desaturate by 10%, it is **DDB346**.

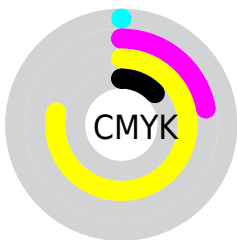
Distribution



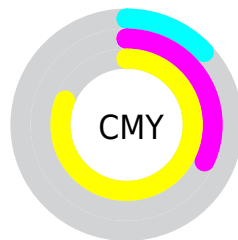
- Red (87%)
- Green (68%)
- Blue (19%)



- Red (45%)
- Yellow (87%)
- Blue (19%)



- Cyan (0%)
- Magenta (22%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDAD30 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 DDAD30 by changing the saturation by 10% instead.

 DDAD30

 DDAD30

FFFFFF

 BF930B

 FFE468

 A17900

 FFFF83

 846100

 FFFF9F

 684900

 FFFFBB

 4C3300

 FFFFD8

 321E00

 FFFFF5

 1A0600

 000000

 DDAD30

 DDAD30

■ DDA71A

■ DDB346

■ DDA104

■ DDB95C

■ DDA000

■ DDBF72

■ DDC688

■ DDCC9E

■ DDD2B5

■ DDD8CB

■ DDDEE1

■ DDE4F7

Harmonies

Analogous

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



FF9551



DDAD30



A2BF3B

Triad

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



DDAD30



00D1E5



F38EFB

Complementary

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



DDAD30



3060DD

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.



A2A8FF



DDAD30



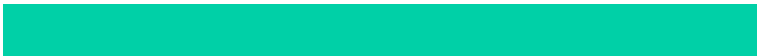
00CBFF

Square

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



DDAD30



00D0A7



00BEFF



FF7CC1

Rectangle

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



DDAD30



72C858



00BEFF



DD97FF

Sweetspot

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



DDAD30



FFEFC4



DD3061



80765C



000000



808080

Same Dimension

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



DDAD30



FFBC0F



B8DD30



6E6B63



AD7D00



2E2100

Inverse Universe

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



3060DD



0F52FF



5530DD



63666E



0030AD



000D2E

Previews

White Background



This preview shows how the Hex color DDAD30 looks on a white background.

Color Contrast Check

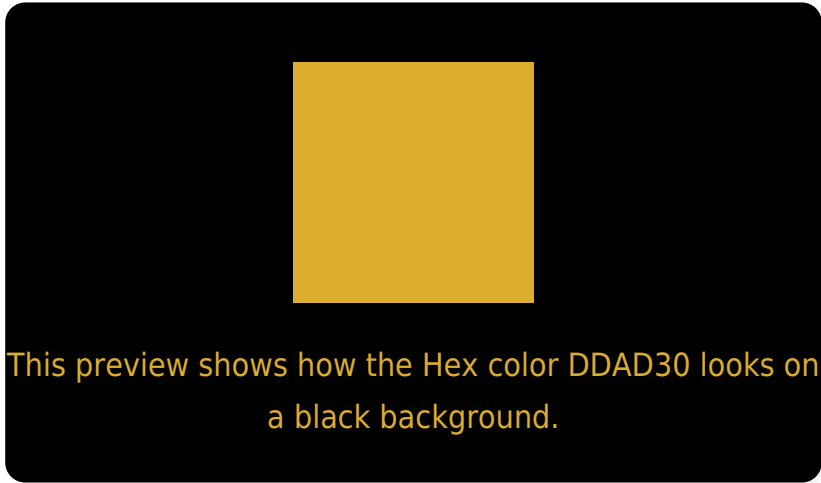
Large Text (above 18pt) WCAG AA × Fail

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 DDAD30 Background



This preview shows how black text looks on a background with the Hex color DDAD30.

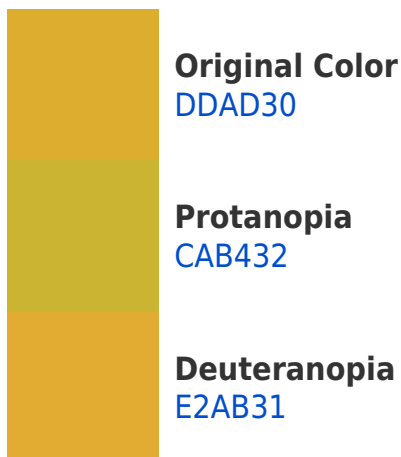


This preview shows how white text looks on a background with the Hex color DDAD30.

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](#).

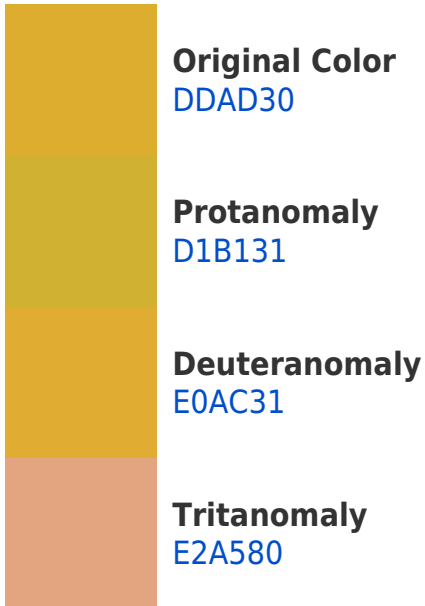
Dichromacy



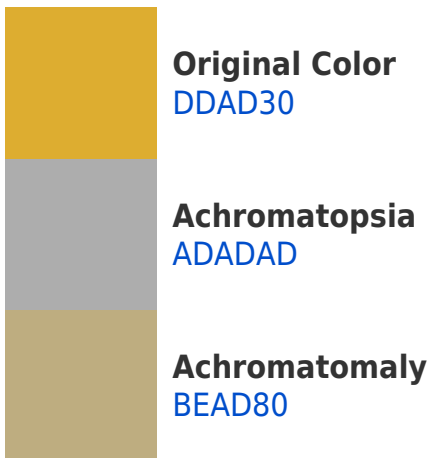


Tritanopia
E5A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDAD30 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 #DDAD30 looks like.

```
.text, #text, p{  
    color:#DDAD30  
}
```

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 #DDAD30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDAD30
}
```

Border

The CSS property to change the border of an element to Hex DDAD30 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
#DDAD30 }
```

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

```
.border{ border-color:#DDAD30 }
```

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

Here you see how a box with a 4 pixel #DDAD30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDAD30; -webkit-box-shadow:4px 4px  
4px 4px #DDAD30; box-shadow:4px 4px 4px  
4px #DDAD30 }
```

Background

The CSS property to change the background color of an element to Hex DDAD30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDAD30 }
```

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

```
.background{ background-color:#DDAD30 }
```

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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