

Converting Colors

Hex(DDA700)

Have a look what the booklet for
Hex(DDA700) contains.

| | |
|--|----|
| Hex(DDA700) | 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(DDA700)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DDA700 |
| RGB | 221, 167, 0 |
| RGB Percent | 87%, 65%, 0% |
| CMY | 0.1333, 0.3451, 1.0000 |
| CMYK | 0.00, 0.24, 1.00, 0.13 |
| HSL | 45°, 100%, 43% |
| HSV | 45°, 100%, 87% |
| XYZ | 43.6375, 43.0096, 6.0017 |
| YIQ | 164.1080, 85.7910, -40.4890 |

Conversions

Conversions Part 2

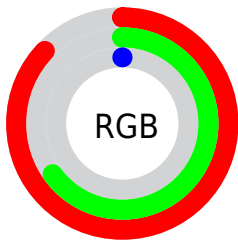
| Format | Color |
|-------------------------------------|--|
| RYB | 71, 221, 0 |
| Decimal | 14526208 |
| CIELab | 71.56, 8.30, 74.85 |
| CIELCh | 72, 75.313, 83.669 |
| Yxy | 43.0096, 0.4710, 0.4642 |
| Android (android.graphics.Color) | 4292716288 (0xFFDDA700) |
| YUV | 164.1080, -80.9052, 49.8943 |
| Hunter-Lab | 65.5817, 4.0044, 40.4812 |

Details

The Hex color **DDA700** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0036DD**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFDE4E**, and **A07400** is the 20% darker color. If you saturate the color by 10%, you get **DDA700**, and if you desaturate by 10%, it is **DDAC16**.

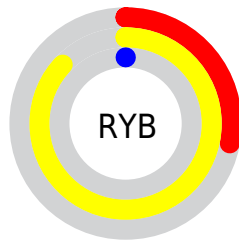
Distribution



Red (87%)

Green (65%)

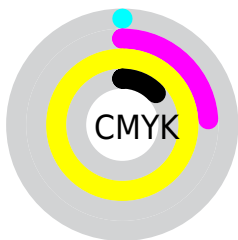
Blue (0%)



Red (28%)

Yellow (87%)

Blue (0%)

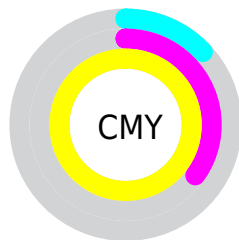


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDA700 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 DDA700 by changing the saturation by 10% instead.

 DDA700

 DDA700

FFFFFF

 BE8D00

 FFDE4E

 A07400

 FFFA6B

 835B00

 FFFF87

 664400

 FFFFA3

 4A2E00

 FFFFC0

 301A00

 FFFFDD

 180000

 FFFFFB

 000000

 DDA700

 DDAC16

 DDB22C

 DDB742

 DDBD58

 DDC26F

 DDC785

 DD CD9B

 DDD2B1

 DDD8C7

Harmonies

Analogous

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



FF8B3F



DDA700



9CBC18

Triad

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



DDA700



00CFE5



F484FF

Complementary

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



DDA700



0036DD

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.



92A3FF



DDA700



00CAFF

Square

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



DDA700



00CE9E



00BCFF



FF6BC1

Rectangle

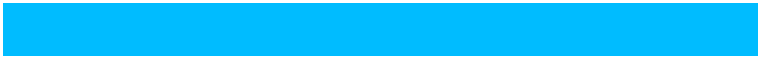
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDA700



64C543



00BCFF



DA8EFF

Sweetspot

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



DDA700



FFECB3



DD0037



807452



000000



808080

Same Dimension

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



DDA700



FFC100



A6DD00



6E6B63



AD8300



2E2300

Inverse Universe

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



0036DD



003EFF



3700DD



63656E



002AAD



000B2E

Previews

White Background



This preview shows how the Hex color DDA700 looks on a white background.

Color Contrast Check

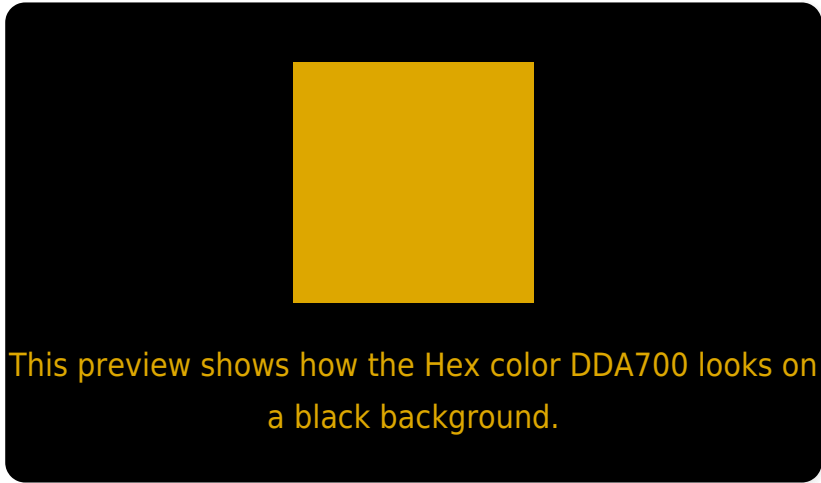
Large Text (above 18pt) WCAG AA × Fail

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 DDA700 Background



This preview shows how black text looks on a background with the Hex color DDA700.



This preview shows how white text looks on a background with the Hex color DDA700.

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
DDA700

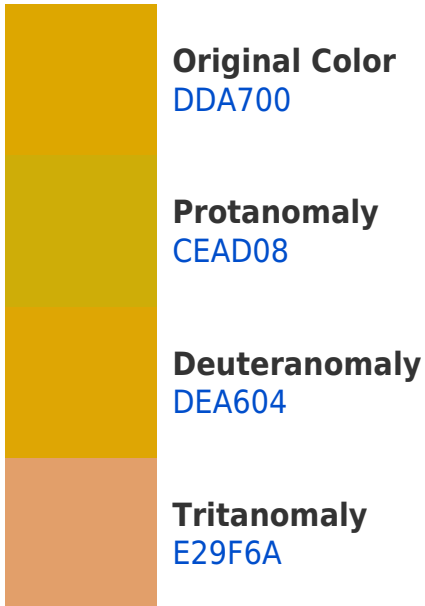
Protanopia
C6B00C

Deuteranopia
DEA606

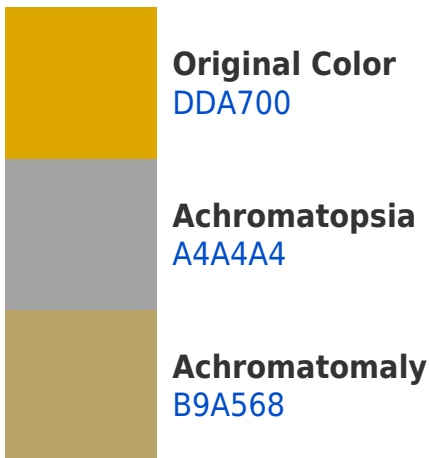


Tritanopia
E59BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDA700 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 #DDA700 looks like.

```
.text, #text, p{  
    color:#DDA700  
}
```

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 #DDA700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDA700
}
```

Border

The CSS property to change the border of an element to Hex DDA700 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
#DDA700 }
```

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

```
.border{ border-color:#DDA700 }
```

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

Here you see how a box with a 4 pixel #DDA700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDA700; -webkit-box-shadow:4px 4px  
4px 4px #DDA700; box-shadow:4px 4px 4px  
4px #DDA700 }
```

Background

The CSS property to change the background color of an element to Hex DDA700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDA700 }
```

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

```
.background{ background-color:#DDA700 }
```

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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