

Converting Colors

Hex(D0AF2A)

Have a look what the booklet for
Hex(D0AF2A) contains.

Hex(D0AF2A)	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(D0AF2A)

Conversions

Conversions Part 1

Format	Color
Hex	D0AF2A
RGB	208, 175, 42
RGB Percent	82%, 69%, 16%
CMY	0.1843, 0.3137, 0.8353
CMYK	0.00, 0.16, 0.80, 0.18
HSL	48°, 66%, 49%
HSV	48°, 80%, 82%
XYZ	41.7603, 44.2370, 8.5281
YIQ	169.7050, 62.3610, -34.3670

Conversions

Conversions Part 2

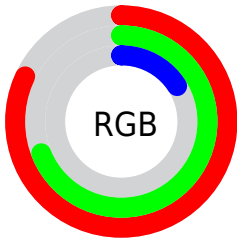
Format	Color
R _{YB}	83, 208, 42
Decimal	13676330
CIE Lab	72.39, -0.86, 66.82
CIE LCh	72, 66.825, 90.741
Yxy	44.2370, 0.4418, 0.4680
Android (android.graphics.Color)	4291866410 (0xFFD0AF2A)
YUV	169.7050, -62.9586, 33.5847
Hunter-Lab	66.5109, -4.3190, 38.9554

Details

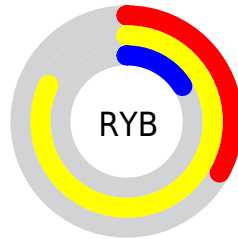
The Hex color **D0AF2A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2A4BD0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE663**, and **957B00** is the 20% darker color. If you saturate the color by 10%, you get **D0AB15**, and if you desaturate by 10%, it is **D0B33F**.

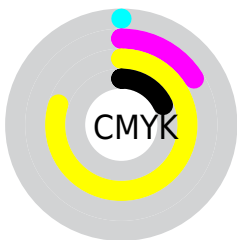
Distribution



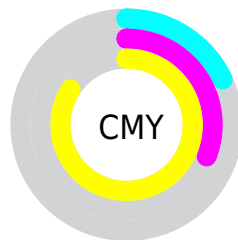
- Red (82%)
- Green (69%)
- Blue (16%)



- Red (33%)
- Yellow (82%)
- Blue (16%)



- Cyan (0%)
- Magenta (16%)
- Yellow (80%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0AF2A 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 D0AF2A by changing the saturation by 10% instead.

 D0AF2A

 D0AF2A

FFFFFF

 B29500

 FFE663

 957B00

 FFFF7F

 796200

 FFFF9B

 5D4B00

 FFFFB7

 423500

 FFFFD4

 282000

 FFFFF1

 0B0900

 000000

 D0AF2A

 D0AF2A

 D0AB15

 D0B33F

 D0A700

 D0B754

 D0BB68

 D0C07D

 D0C492

 D0C8A7

 D0CCBC

 D0D0D0

 D0D4E5

Harmonies

Analogous

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



FF9845



D0AF2A



93C040

Triad

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



D0AF2A



00CEEE



FD87EE

Complementary

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



D0AF2A



2A4BD0

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.



B4A1FF



D0AF2A



00C7FF

Square

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



D0AF2A



00CFB1



00B8FF



FF78B3

Rectangle

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



D0AF2A



5DC860



00B8FF



E98FFF

Sweetspot

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



D0AF2A



FFF3C2



D02A4B



80785B



000000



808080

Same Dimension

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



D0AF2A



FFCE0A



9ED02A



69665E



A88700



292100

Inverse Universe

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



2A4BD0



0A3BFF



5C2AD0



5E6069



0021A8



000829

Previews

White Background



This preview shows how the Hex color D0AF2A looks on a white background.

Color Contrast Check

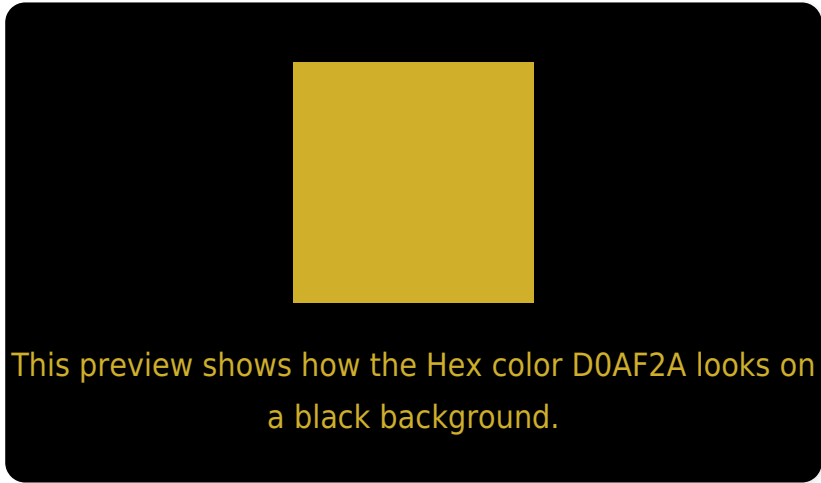
Large Text (above 18pt) WCAG AA × Fail

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 D0AF2A Background



This preview shows how black text looks on a background with the Hex color D0AF2A.



This preview shows how white text looks on a background with the Hex color D0AF2A.

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
D0AF2A

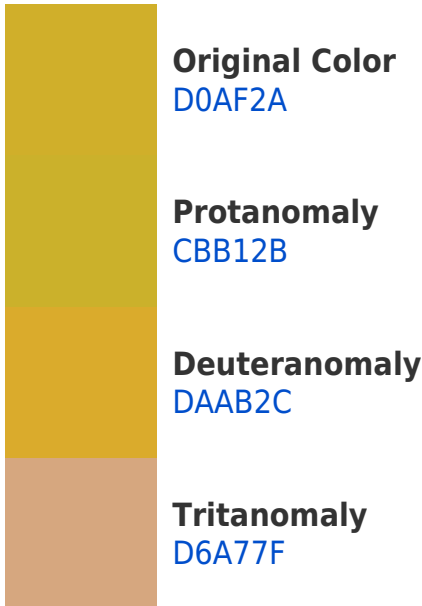
Protanopia
C8B22B

Deuteranopia
DFA92D

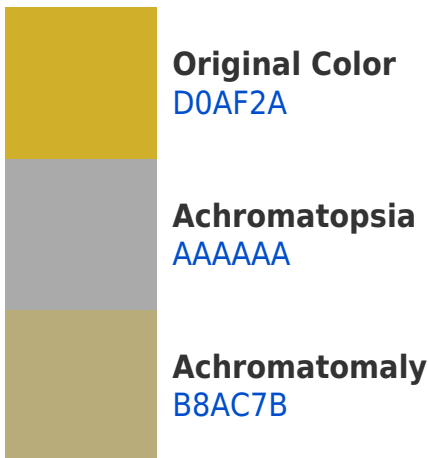


Tritanopia
D9A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0AF2A 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 #D0AF2A looks like.

```
.text, #text, p{  
    color:#D0AF2A  
}
```

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 #D0AF2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0AF2A
}
```

Border

The CSS property to change the border of an element to Hex D0AF2A 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
#D0AF2A }
```

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

```
.border{ border-color:#D0AF2A }
```

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

Here you see how a box with a 4 pixel #D0AF2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0AF2A; -webkit-box-shadow:4px 4px  
4px 4px #D0AF2A; box-shadow:4px 4px 4px  
4px #D0AF2A }
```

Background

The CSS property to change the background color of an element to Hex D0AF2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0AF2A }
```

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

```
.background{ background-color:#D0AF2A }
```

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