

Converting Colors

Hex(D7AE1E)

Have a look what the booklet for
Hex(D7AE1E) contains.

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Color

Hex(D7AE1E)

Conversions

Conversions Part 1

Format	Color
Hex	D7AE1E
RGB	215, 174, 30
RGB Percent	84%, 68%, 12%
CMY	0.1569, 0.3176, 0.8824
CMYK	0.00, 0.19, 0.86, 0.16
HSL	47°, 76%, 48%
HSV	47°, 86%, 84%
XYZ	43.3947, 44.8129, 7.5909
YIQ	169.8430, 70.6600, -36.0920

Conversions

Conversions Part 2

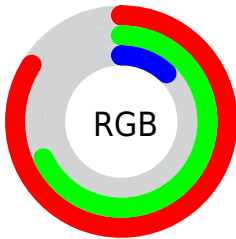
Format	Color
RYB	83, 215, 30
Decimal	14134814
CIELab	72.77, 2.38, 70.74
CIELCh	73, 70.775, 88.069
Yxy	44.8129, 0.4530, 0.4678
Android (android.graphics.Color)	4292324894 (0xFFD7AE1E)
YUV	169.8430, -68.9426, 39.6027
Hunter-Lab	66.9424, -1.4386, 40.1366

Details

The Hex color **D7AE1E** 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 **1E47D7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE55B**, and **9B7A00** is the 20% darker color. If you saturate the color by 10%, you get **D7A908**, and if you desaturate by 10%, it is **D7B334**.

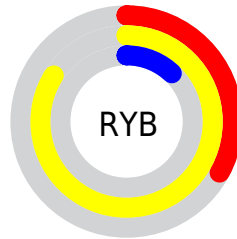
Distribution



Red (84%)

Green (68%)

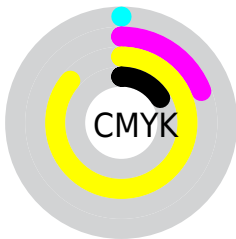
Blue (12%)



Red (33%)

Yellow (84%)

Blue (12%)

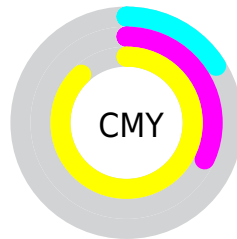


Cyan (0%)

Magenta (19%)

Yellow (86%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7AE1E 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 D7AE1E by changing the saturation by 10% instead.

 D7AE1E

 D7AE1E

FFFFFF

 B99400

 FFE55B

 9B7A00

 FFFF77

 7F6200

 FFFF93

 624A00

 FFFFAF

 473400

 FFFFCC

 2D1F00

 FFFFEE

 130800

 000000

 D7AE1E

 D7AE1E

 D7A908

 D7B334

 D7A700

 D7B849

 D7BC5E

 D7C174

 D7C68A

 D7CB9F

 D7CFB5

 D7D4CA

 D7D9E0

Harmonies

Analogous

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



FF9543



D7AE1E



97C133

Triad

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



D7AE1E



00D1EE



FD87F8

Complementary

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



D7AE1E



1E47D7

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.



ABA3FF



D7AE1E



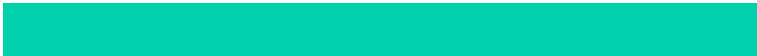
00CAFF

Square

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



D7AE1E



00D1AC



00BBFF



FF74BA

Rectangle

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



D7AE1E



60C956



00BBFF



E790FF

Sweetspot

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



D7AE1E



FFF0BD



D71E49



807758



000000



808080

Same Dimension

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



D7AE1E



FFC600



A6D71E



6B6960



AB8500



2B2200

Inverse Universe

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



1E47D7



0039FF



4F1ED7



60636B



0026AB



000A2B

Previews

White Background



This preview shows how the Hex color D7AE1E looks on a white background.

Color Contrast Check

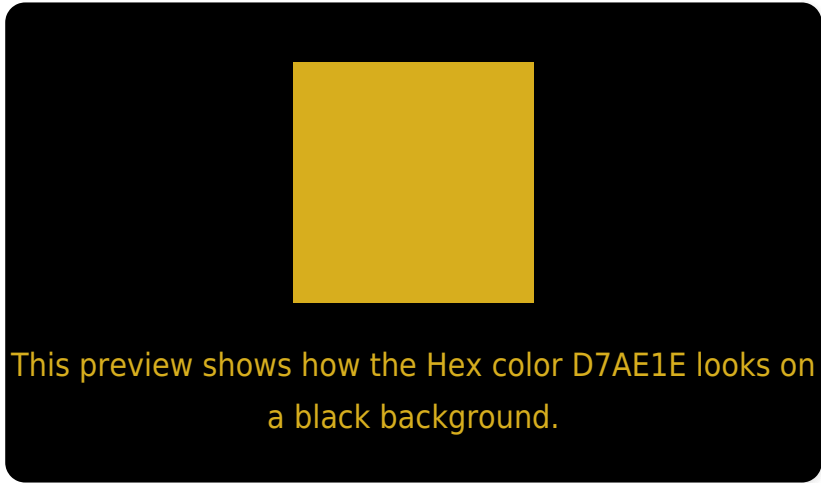
Large Text (above 18pt) WCAG AA × Fail

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 D7AE1E Background



This preview shows how black text looks on a background with the Hex color D7AE1E.



This preview shows how white text looks on a background with the Hex color D7AE1E.

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
D7AE1E

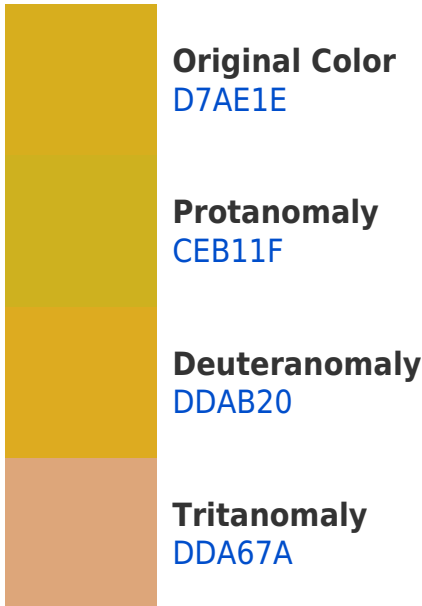
Protanopia
C9B31F

Deuteranopia
E1AA21

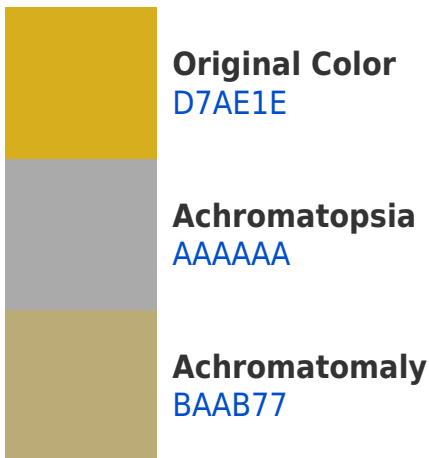


Tritanopia
E0A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7AE1E 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 #D7AE1E looks like.

```
.text, #text, p{  
    color:#D7AE1E  
}
```

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 #D7AE1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7AE1E
}
```

Border

The CSS property to change the border of an element to Hex D7AE1E 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
#D7AE1E }
```

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

```
.border{ border-color:#D7AE1E }
```

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

Here you see how a box with a 4 pixel #D7AE1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7AE1E; -webkit-box-shadow:4px 4px  
4px 4px #D7AE1E; box-shadow:4px 4px 4px  
4px #D7AE1E }
```

Background

The CSS property to change the background color of an element to Hex D7AE1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7AE1E }
```

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

```
.background{ background-color:#D7AE1E }
```

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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