

Converting Colors

Hex(D17E2A)

Have a look what the booklet for
Hex(D17E2A) contains.

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Color

Hex(D17E2A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D17E2A |
| RGB | 209, 126, 42 |
| RGB Percent | 82%, 49%, 16% |
| CMY | 0.1804, 0.5059, 0.8353 |
| CMYK | 0.00, 0.40, 0.80, 0.18 |
| HSL | 30°, 67%, 49% |
| HSV | 30°, 80%, 82% |
| XYZ | 34.1733, 28.6442, 5.9182 |
| YIQ | 141.2410, 76.4320, -8.5280 |

Conversions

Conversions Part 2

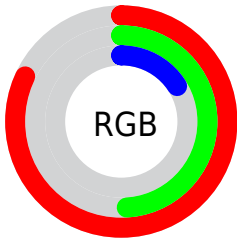
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 207, 209, 42 |
| Decimal | 13729322 |
| CIE Lab | 60.47, 25.94, 56.08 |
| CIE LCh | 60, 61.788, 65.175 |
| Yxy | 28.6442, 0.4972, 0.4167 |
| Android (android.graphics.Color) | 4291919402 (0xFFD17E2A) |
| YUV | 141.2410, -48.9258, 59.4246 |
| Hunter-Lab | 53.5203, 20.3137, 30.9079 |

Details

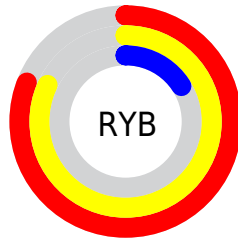
The Hex color **D17E2A** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2A7DD1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB35E**, and **954C00** is the 20% darker color. If you saturate the color by 10%, you get **D17415**, and if you desaturate by 10%, it is **D1883F**.

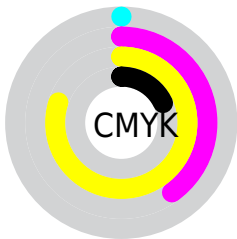
Distribution



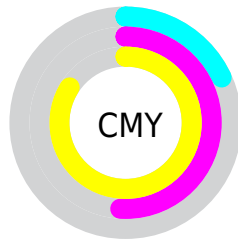
- Red (82%)
- Green (49%)
- Blue (16%)



- Red (81%)
- Yellow (82%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (18%)



- Cyan (18%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D17E2A 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 D17E2A by changing the saturation by 10% instead.

 D17E2A

 D17E2A

FFFFFF

 B3650B

 FFB35E

 954C00

 FFCF78

 783500

 FFE893

 5B1E00

 FFFFAE

 3F0700

 FFFFCB

 280001

 FFFF77

 000000

 D17E2A

 D17E2A

 D17415

 D1883F

 D16900

 D19354

 D19D69

 D1A87E

 D1B293

 D1BCA7

 D1C7BC

 D1D1D1

 D1DBE6

Harmonies

Analogous

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



EE6856



D17E2A



A59212

Triad

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



D17E2A



00AC9A



9F7FEB

Complementary

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



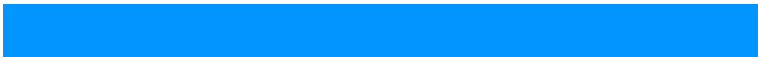
D17E2A



2A7DD1

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.



0095FF



D17E2A



00AACF

Square

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



D17E2A



00A862



00A3F4



DB67C1

Rectangle

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



D17E2A



809C22



00A3F4



8187F5

Sweetspot

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



D17E2A



FFE1C2



D12A7E



806D5B



000000



808080

Same Dimension

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



D17E2A



FF850A



D1D12A



69635E



A85500



291500

Inverse Universe

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



2A7DD1



0A84FF



2A2AD1



5E6369



0054A8



001429

Previews

White Background



This preview shows how the Hex color D17E2A looks on a white background.

Color Contrast Check

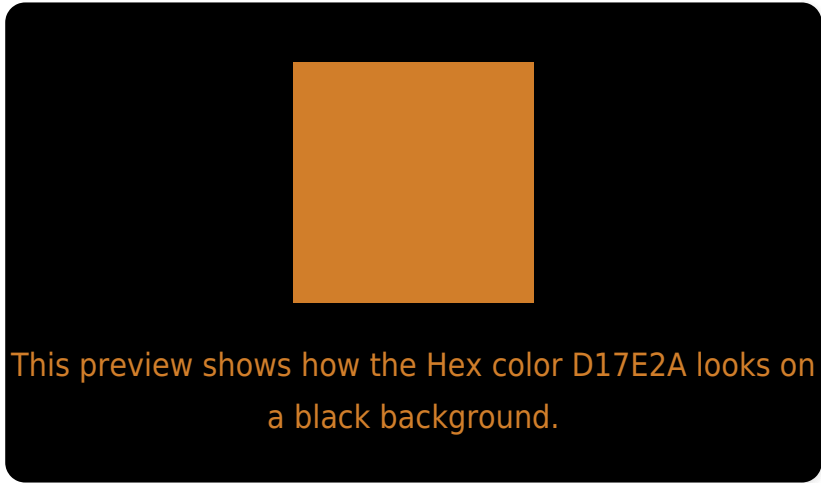
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D17E2A Background



This preview shows how black text looks on a background with the Hex color D17E2A.



This preview shows how white text looks on a background with the Hex color D17E2A.

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](#).

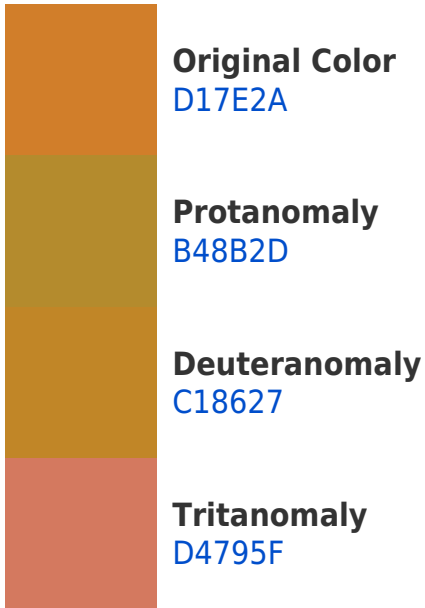
Dichromacy



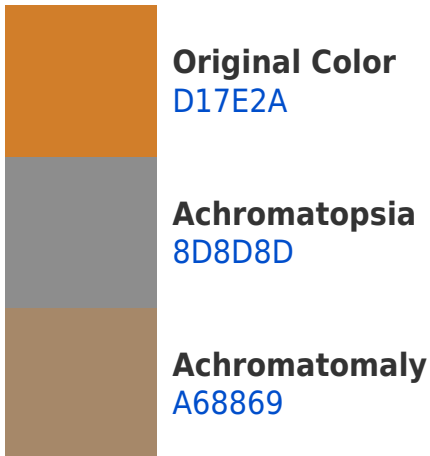


Tritanopia
D5767E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D17E2A 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 #D17E2A looks like.

```
.text, #text, p{  
    color:#D17E2A  
}
```

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 #D17E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17E2A
}
```

Border

The CSS property to change the border of an element to Hex D17E2A 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
#D17E2A }
```

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

```
.border{ border-color:#D17E2A }
```

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

Here you see how a box with a 4 pixel #D17E2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17E2A; -webkit-box-shadow:4px 4px  
4px 4px #D17E2A; box-shadow:4px 4px 4px  
4px #D17E2A }
```

Background

The CSS property to change the background color of an element to Hex D17E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17E2A }
```

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

```
.background{ background-color:#D17E2A }
```

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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