

Converting Colors

Hex(D78C2E)

Have a look what the booklet for
Hex(D78C2E) contains.

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Color

Hex(D78C2E)

Conversions

Conversions Part 1

Format	Color
Hex	D78C2E
RGB	215, 140, 46
RGB Percent	84%, 55%, 18%
CMY	0.1569, 0.4510, 0.8196
CMYK	0.00, 0.35, 0.79, 0.16
HSL	33°, 68%, 51%
HSV	33°, 79%, 84%
XYZ	37.8956, 33.4005, 7.0344
YIQ	151.7090, 74.8740, -13.3340

Conversions

Conversions Part 2

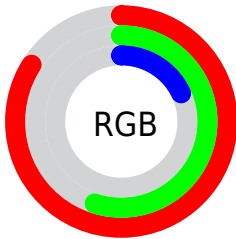
Format	Color
RYB	181, 215, 46
Decimal	14126126
CIELab	64.48, 21.09, 58.51
CIELCh	64, 62.199, 70.178
Yxy	33.4005, 0.4838, 0.4264
Android (android.graphics.Color)	4292316206 (0xFFD78C2E)
YUV	151.7090, -52.1145, 55.5062
Hunter-Lab	57.7932, 15.9062, 33.2386

Details

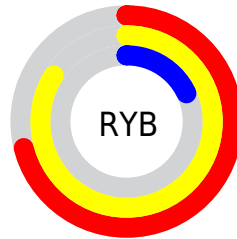
The Hex color **D78C2E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **2E79D7**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC263**, and **9B5A00** is the 20% darker color. If you saturate the color by 10%, you get **D78218**, and if you desaturate by 10%, it is **D79644**.

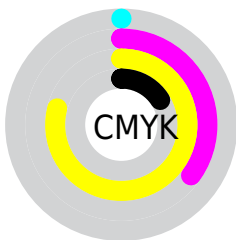
Distribution



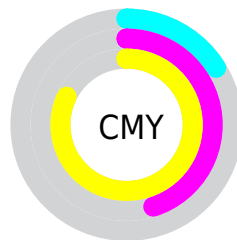
- Red (84%)
- Green (55%)
- Blue (18%)



- Red (71%)
- Yellow (84%)
- Blue (18%)



- Cyan (0%)
- Magenta (35%)
- Yellow (79%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color D78C2E 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 D78C2E by changing the saturation by 10% instead.

 D78C2E

 D78C2E

FFFFFF

 B9720F

 FFC263

 9B5A00

 FFDE7D

 7E4200

 FFFA98

 612B00


 FFFFB4

 451600

 FFFF00

 2B0000

 FFFFED

 000000

 D78C2E

 D78C2E

 D78218

 D79644

 D77903

 D79F59

 D77800

 D7A96E

 D7B284

 D7BC9A

 D7C5AF

 D7CFC5

 D7D8DA

 D7E2F0

Harmonies

Analogous

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



F77657



D78C2E



A7A021

Triad

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



D78C2E



00B7AE



B885F2

Complementary

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



D78C2E



2E79D7

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.



4D9CFF



D78C2E



00B5E3

Square

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



D78C2E



00B475



00ACFF



EE6FC3

Rectangle

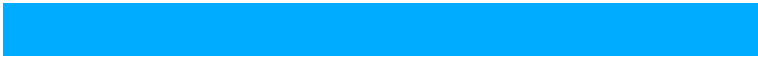
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D78C2E



81A933



00ACFF



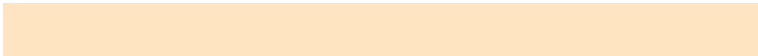
9D8DFD

Sweetspot

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



D78C2E



FFE4C2



D72E7A



806F5B



000000



808080

Same Dimension

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



D78C2E



FF950F



CFD72E



6B6660



AB5F00



2B1800

Inverse Universe

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



2E79D7



0F7AFF



362ED7



60656B



004CAB



00132B

Previews

White Background



This preview shows how the Hex color D78C2E 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 D78C2E Background



This preview shows how black text looks on a background with the Hex color D78C2E.



This preview shows how white text looks on a background with the Hex color D78C2E.

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

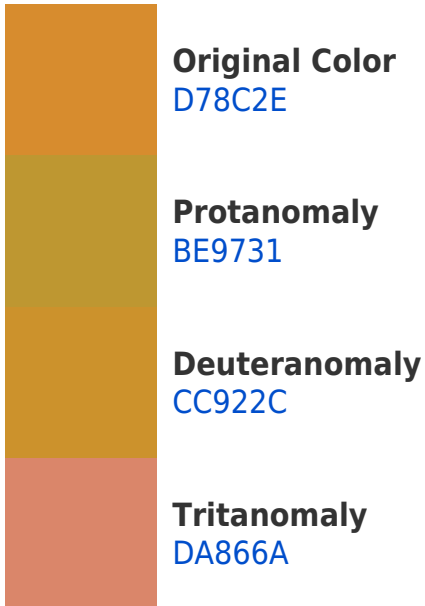


Original Color
D78C2E

Protanopia
B09D32

Deuteranopia
C5952B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D78C2E 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 #D78C2E looks like.

```
.text, #text, p{  
    color:#D78C2E  
}
```

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 #D78C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D78C2E
}
```

Border

The CSS property to change the border of an element to Hex D78C2E 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
#D78C2E }
```

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

```
.border{ border-color:#D78C2E }
```

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

Here you see how a box with a 4 pixel #D78C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D78C2E; -webkit-box-shadow:4px 4px  
4px 4px #D78C2E; box-shadow:4px 4px 4px  
4px #D78C2E }
```

Background

The CSS property to change the background color of an element to Hex D78C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D78C2E }
```

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

```
.background{ background-color:#D78C2E }
```

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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