

Converting Colors

Hex(D28A09)

Have a look what the booklet for
Hex(D28A09) contains.

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Color

Hex(D28A09)

Conversions

Conversions Part 1

Format	Color
Hex	D28A09
RGB	210, 138, 9
RGB Percent	82%, 54%, 4%
CMY	0.1765, 0.4588, 0.9647
CMYK	0.00, 0.34, 0.96, 0.18
HSL	39°, 92%, 43%
HSV	39°, 96%, 82%
XYZ	35.7161, 31.8983, 4.5330
YIQ	144.8220, 84.3210, -24.8550

Conversions

Conversions Part 2

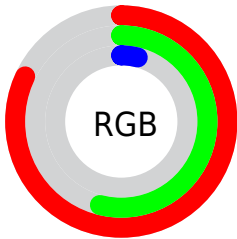
Format	Color
RYB	121, 210, 9
Decimal	13797897
CIELab	63.26, 19.18, 67.34
CIElCh	63, 70.014, 74.103
Yxy	31.8983, 0.4950, 0.4421
Android (android.graphics.Color)	4291987977 (0xFFD28A09)
YUV	144.8220, -66.9602, 57.1611
Hunter-Lab	56.4786, 14.0429, 34.7764

Details

The Hex color **D28A09** 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 **0951D2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFBF4B**, and **965800** is the 20% darker color. If you saturate the color by 10%, you get **D28700**, and if you desaturate by 10%, it is **D2921E**.

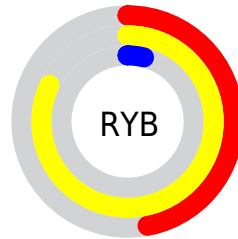
Distribution



Red (82%)

Green (54%)

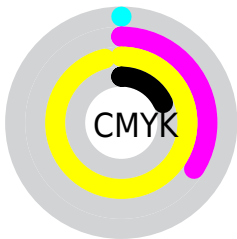
Blue (4%)



Red (47%)

Yellow (82%)

Blue (4%)

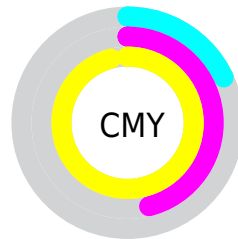


Cyan (0%)

Magenta (34%)

Yellow (96%)

Black (18%)



Cyan (18%)

Magenta (46%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D28A09 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 D28A09 by changing the saturation by 10% instead.

 D28A09

 D28A09

FFFFFF

 B37100

 FFBF4B

 965800

 FFDB67

 784100

 FFF882

 5B2A00

 FFFF9E

 401500

 FFFFBA

 270000

 FFFFD6

 000000

 FFFFF4

 D28A09

 D28A09

 D28700

 D2921E

 D29933

 D2A148

 D2A85D

 D2B072

 D2B787

 D2BF9C

 D2C6B1

 D2CEC6

Harmonies

Analogous

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



F96F44



D28A09



9C9F00

Triad

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



D28A09



00B6B6



C17BF3

Complementary

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



D28A09



0951D2

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.



4996FF



D28A09



00B3EF

Square

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



D28A09



00B475



00A9FF



F860BD

Rectangle

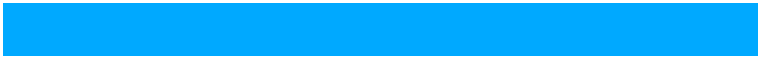
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D28A09



6FA923



00A9FF



A485FF

Sweetspot

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



D28A09



FFE5B5



D20953



807053



000000



808080

Same Dimension

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



D28A09



FFA400



B7D209



69655E



A86C00



291A00

Inverse Universe

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



0951D2



005BFF



2409D2



5E6269



003CA8



000F29

Previews

White Background



This preview shows how the Hex color D28A09 looks on a white background.

Color Contrast Check

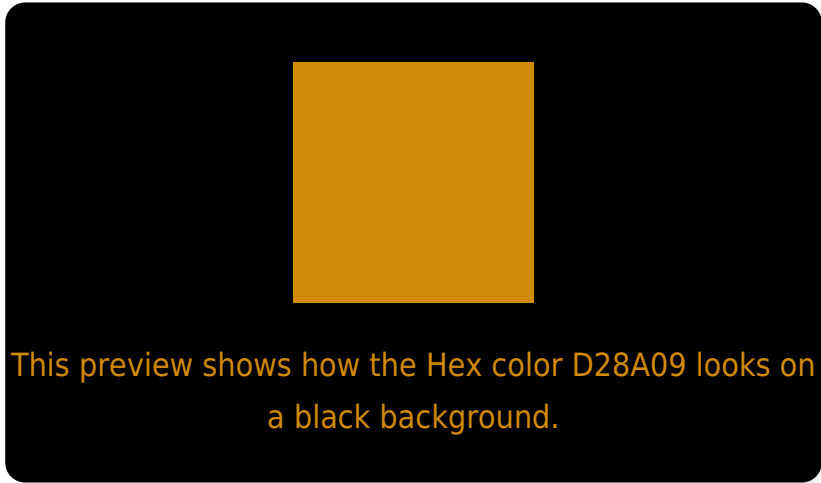
Large Text (above 18pt) WCAG AA × Fail

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 D28A09 Background



This preview shows how black text looks on a background with the Hex color D28A09.



This preview shows how white text looks on a background with the Hex color D28A09.

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
D28A09

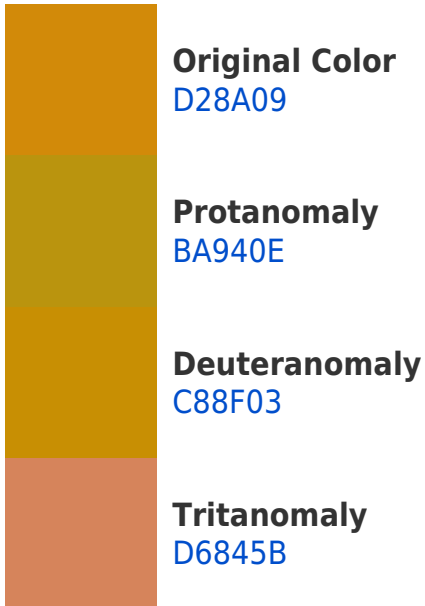
Protanopia
AD9A11

Deuteranopia
C29200

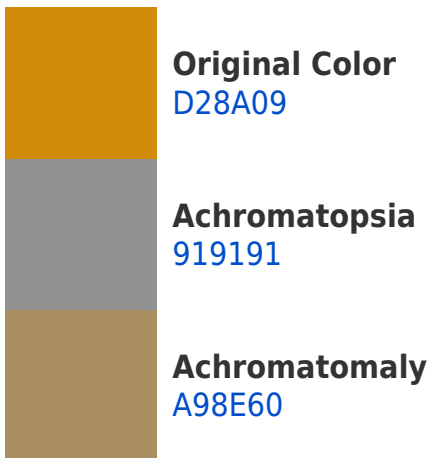


Tritanopia
D8808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D28A09 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 #D28A09 looks like.

```
.text, #text, p{  
    color:#D28A09  
}
```

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 #D28A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D28A09
}
```

Border

The CSS property to change the border of an element to Hex D28A09 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
#D28A09 }
```

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

```
.border{ border-color:#D28A09 }
```

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

Here you see how a box with a 4 pixel #D28A09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D28A09; -webkit-box-shadow:4px 4px  
4px 4px #D28A09; box-shadow:4px 4px 4px  
4px #D28A09 }
```

Background

The CSS property to change the background color of an element to Hex D28A09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D28A09 }
```

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

```
.background{ background-color:#D28A09 }
```

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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