

Converting Colors

Hex(D28E19)

Have a look what the booklet for
Hex(D28E19) contains.

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Color

Hex(D28E19)

Conversions

Conversions Part 1

Format	Color
Hex	D28E19
RGB	210, 142, 25
RGB Percent	82%, 56%, 10%
CMY	0.1765, 0.4431, 0.9020
CMYK	0.00, 0.32, 0.88, 0.18
HSL	38°, 79%, 46%
HSV	38°, 88%, 82%
XYZ	36.4268, 33.1178, 5.3922
YIQ	148.9940, 78.0850, -21.9710

Conversions

Conversions Part 2

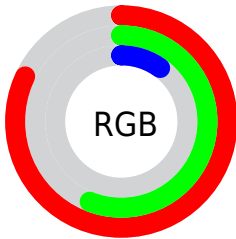
Format	Color
RYB	133, 210, 25
Decimal	13798937
CIELab	64.26, 17.26, 64.93
CIElCh	64, 67.181, 75.117
Yxy	33.1178, 0.4861, 0.4419
Android (android.graphics.Color)	4291989017 (0xFFD28E19)
YUV	148.9940, -61.1290, 53.5023
Hunter-Lab	57.5481, 12.2778, 34.7283

Details

The Hex color **D28E19** 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 **195DD2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFC454**, and **965C00** is the 20% darker color. If you saturate the color by 10%, you get **D28604**, and if you desaturate by 10%, it is **D2962E**.

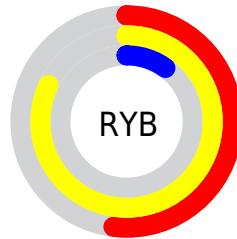
Distribution



Red (82%)

Green (56%)

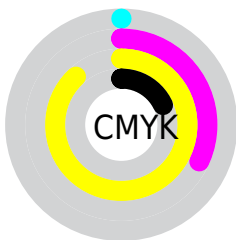
Blue (10%)



Red (52%)

Yellow (82%)

Blue (10%)

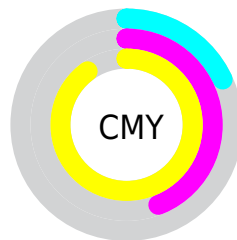


Cyan (0%)

Magenta (32%)

Yellow (88%)

Black (18%)



Cyan (18%)

Magenta (44%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color D28E19 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 D28E19 by changing the saturation by 10% instead.

 D28E19

 D28E19

FFFFFF

 B47400

 FFC454

 965C00

 FFE06F

 794400

 FFFC8A

 5C2E00

 FFFFA5

 411900

 FFFFC2

 280100

 FFFFDE

 000000

 FFFFFC

 D28E19

 D28E19

 D28604

 D2962E

 D28500

 D29D43

 D2A558

 D2AD6D

 D2B582

 D2BC97

 D2C4AC

 D2CCC1

 D2D3D6

Harmonies

Analogous

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



F87549



D28E19



9DA20F

Triad

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



D28E19



00B8B9



C57EF1

Complementary

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



D28E19



195DD2

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.



5B98FF



D28E19



00B5F0

Square

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



D28E19



00B67B



00ABFF



F966BC

Rectangle

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



D28E19



71AC2F



00ABFF



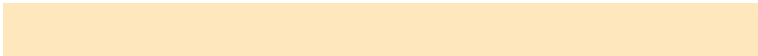
AA87FF

Sweetspot

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



D28E19



FFE7BD



D21960



807158



000000



808080

Same Dimension

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



D28E19



FFA100



BCD219



69655E



A86A00



291A00

Inverse Universe

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



195DD2



005EFF



2F19D2



5E6269



003EA8



000F29

Previews

White Background



This preview shows how the Hex color D28E19 looks on a white background.

Color Contrast Check

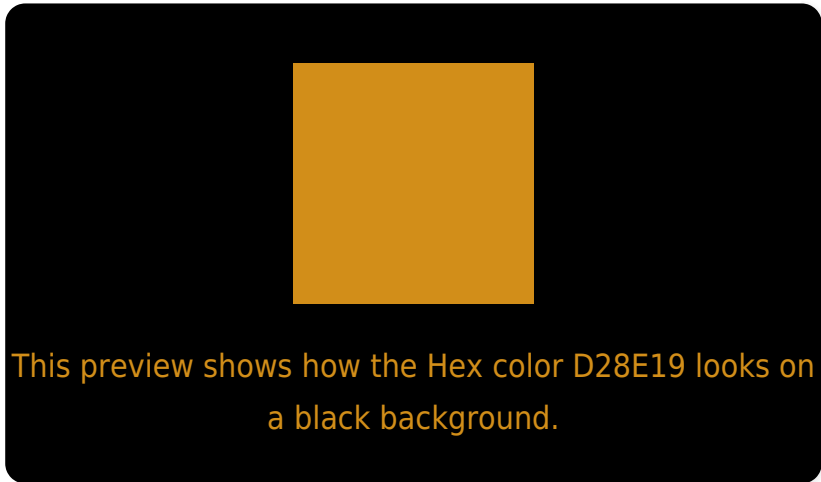
Large Text (above 18pt) WCAG AA × Fail

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 D28E19 Background



This preview shows how black text looks on a background with the Hex color D28E19.



This preview shows how white text looks on a background with the Hex color D28E19.

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
D28E19

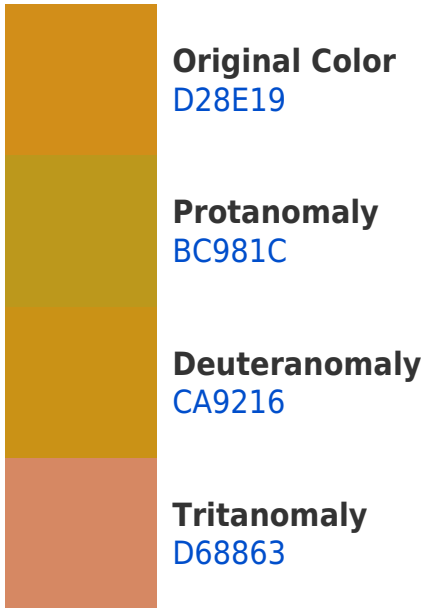
Protanopia
B09D1D

Deuteranopia
C59414

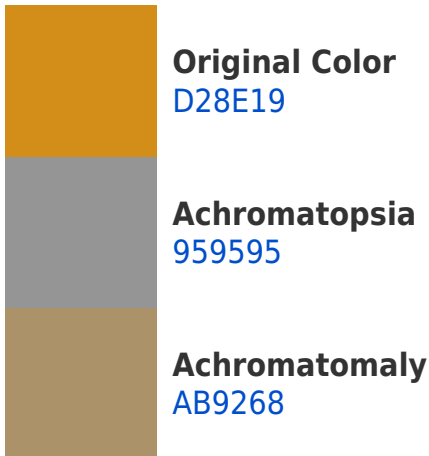


Tritanopia
D8848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D28E19 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 #D28E19 looks like.

```
.text, #text, p{  
    color:#D28E19  
}
```

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 #D28E19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D28E19
}
```

Border

The CSS property to change the border of an element to Hex D28E19 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
#D28E19 }
```

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

```
.border{ border-color:#D28E19 }
```

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

Here you see how a box with a 4 pixel #D28E19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D28E19; -webkit-box-shadow:4px 4px  
4px 4px #D28E19; box-shadow:4px 4px 4px  
4px #D28E19 }
```

Background

The CSS property to change the background color of an element to Hex D28E19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D28E19 }
```

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

```
.background{ background-color:#D28E19 }
```

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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