

Converting Colors

Hex(D28500)

Have a look what the booklet for
Hex(D28500) contains.

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Color

Hex(D28500)

Conversions

Conversions Part 1

Format	Color
Hex	D28500
RGB	210, 133, 0
RGB Percent	82%, 52%, 0%
CMY	0.1765, 0.4784, 1.0000
CMYK	0.00, 0.37, 1.00, 0.18
HSL	38°, 100%, 41%
HSV	38°, 100%, 82%
XYZ	34.9659, 30.4767, 4.0397
YIQ	140.8610, 88.5850, -25.0390

Conversions

Conversions Part 2

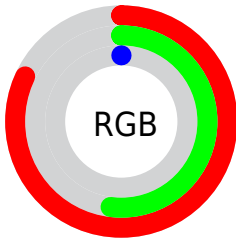
Format	Color
RYB	122, 210, 0
Decimal	13796608
CIELab	62.06, 21.79, 67.89
CIElCh	62, 71.297, 72.208
Yxy	30.4767, 0.5032, 0.4386
Android (android.graphics.Color)	4291986688 (0xFFD28500)
YUV	140.8610, -69.4445, 60.6349
Hunter-Lab	55.2057, 16.4473, 34.3054

Details

The Hex color **D28500** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **004DD2**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFBA47**, and **955300** is the 20% darker color. If you saturate the color by 10%, you get **D28500**, and if you desaturate by 10%, it is **D28D15**.

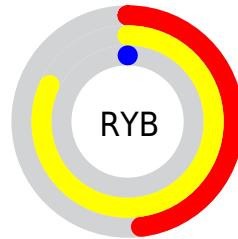
Distribution



Red (82%)

Green (52%)

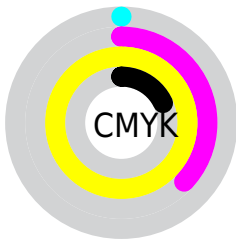
Blue (0%)



Red (48%)

Yellow (82%)

Blue (0%)

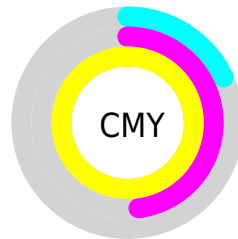


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D28500 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 D28500 by changing the saturation by 10% instead.

 D28500

 D28500

FFFFFF

 B36C00

 FFBA47

 955300

 FFD662

 783C00

 FFF27E

 5B2600

 FFFF99

 3F1000

 FFFFB5

 280000

 FFFFD2

 000000

 FFFFEE

 D28500

 D28D15

 D2942A

 D29C3F

 D2A454

 D2AB69

 D2B37E

 D2BB93

 D2C3A8

 D2CABD

Harmonies

Analogous

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



F86943



D28500



9C9B00

Triad

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



D28500



00B3AF



B979F4

Complementary

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



D28500



004DD2

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.



2B95FF



D28500



00B1EA

Square

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



D28500



00B16D



00A7FF



F45CBE

Rectangle

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



D28500



6FA516



00A7FF



9A83FF

Sweetspot

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



D28500



FFE3B3



D2004D



806F52



000000



808080

Same Dimension

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



D28500



FFA200



B6D200



69655E



A86B00



291A00

Inverse Universe

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



004DD2



005EFF



1C00D2



5E6269



003EA8



000F29

Previews

White Background



This preview shows how the Hex color D28500 looks on a white background.

Color Contrast Check

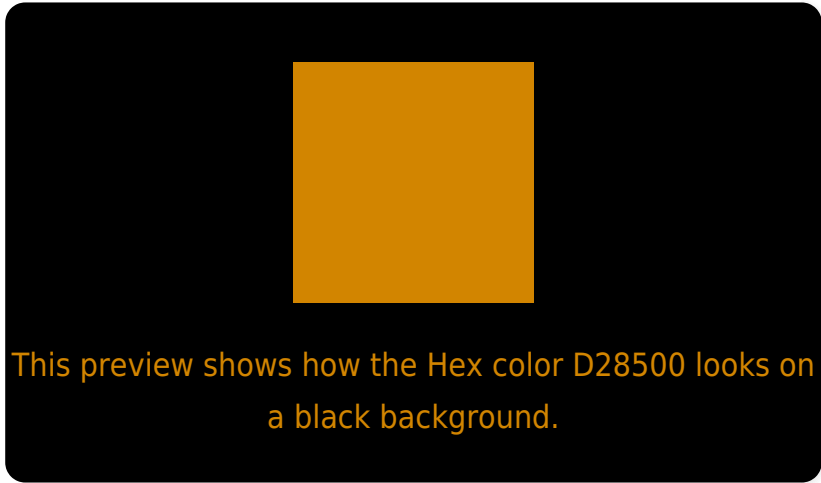
Large Text (above 18pt) WCAG AA × Fail

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 D28500 Background



This preview shows how black text looks on a background with the Hex color D28500.



This preview shows how white text looks on a background with the Hex color D28500.

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
D28500

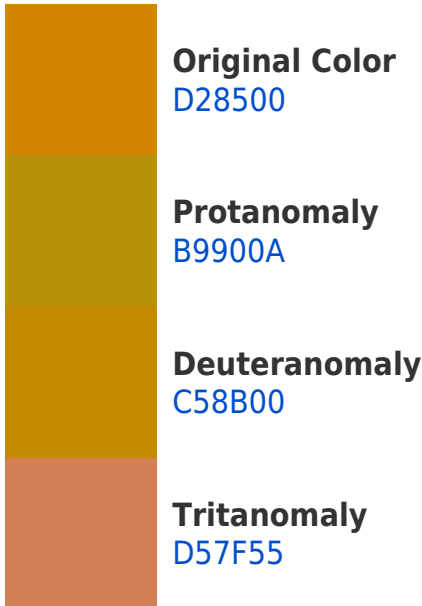
Protanopia
AA970F

Deuteranopia
BE8F00

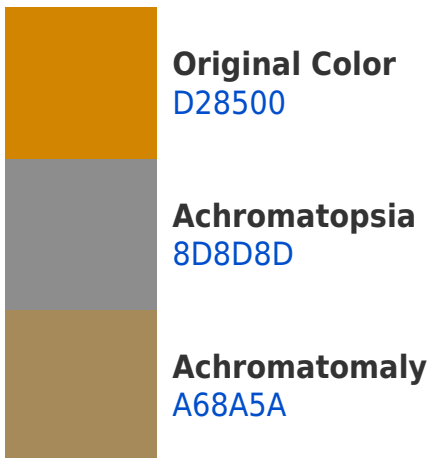


Tritanopia
D77C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D28500 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 #D28500 looks like.

```
.text, #text, p{  
    color:#D28500  
}
```

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 #D28500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D28500
}
```

Border

The CSS property to change the border of an element to Hex D28500 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
#D28500 }
```

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

```
.border{ border-color:#D28500 }
```

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

Here you see how a box with a 4 pixel #D28500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D28500; -webkit-box-shadow:4px 4px  
4px 4px #D28500; box-shadow:4px 4px 4px  
4px #D28500 }
```

Background

The CSS property to change the background color of an element to Hex D28500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D28500 }
```

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

```
.background{ background-color:#D28500 }
```

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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