

# Converting Colors

Hex(D28D15)

Have a look what the booklet for  
Hex(D28D15) contains.

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# **Color**

**Hex(D28D15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D28D15
RGB	210, 141, 21
RGB Percent	82%, 55%, 8%
CMY	0.1765, 0.4471, 0.9176
CMYK	0.00, 0.33, 0.90, 0.18
HSL	38°, 82%, 45%
HSV	38°, 90%, 82%
XYZ	36.2386, 32.8055, 5.1316
YIQ	147.9510, 79.6440, -22.6920

# Conversions

## Conversions Part 2

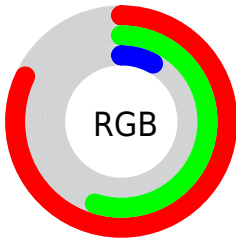
Format	Color
<b>RYB</b>	130, 210, 21
Decimal	13798677
CIELab	64.00, 17.72, 65.69
CIElCh	64, 68.042, 74.905
Yxy	32.8055, 0.4886, 0.4423
Android (android.graphics.Color)	4291988757 (0xFFD28D15)
YUV	147.9510, -62.5868, 54.4170
Hunter-Lab	57.2761, 12.7037, 34.7813

# Details

The Hex color **D28D15** 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 **155AD2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFC351**, and **965B00** is the 20% darker color. If you saturate the color by 10%, you get **D28500**, and if you desaturate by 10%, it is **D2952A**.

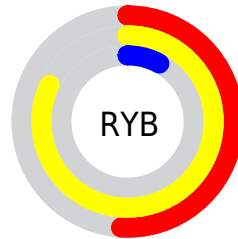
# Distribution



Red (82%)

Green (55%)

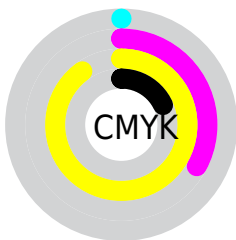
Blue (8%)



Red (51%)

Yellow (82%)

Blue (8%)

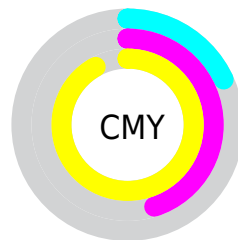


Cyan (0%)

Magenta (33%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (45%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D28D15 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 D28D15 by changing the saturation by 10% instead.



 D28D15

 D28D15

FFFFFF

 B47300

 FFC351

 965B00

 FFDE6C

 794300

 FFFB87

 5C2D00

 FFFFA3

 401800

 FFFFBF

 280000

 FFFFDC

 000000

 FFFFF9

 D28D15

 D28D15

 D28500

 D2952A

 D29C3F

 D2A454

 D2AC69

 D2B37E

 D2BB93

 D2C3A8

 D2CABD

 D2D2D2

# Harmonies

## Analogous

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



F87347



D28D15



9CA207

# Triad

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



D28D15



00B8B9



C47DF2

# Complementary

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



D28D15



155AD2

# 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.



5798FF



D28D15



00B5F0

# Square

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



D28D15



00B679



00ABFF



F964BC

# Rectangle

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



D28D15



70AB2C



00ABFF



A986FF

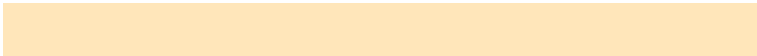


# Sweetspot

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



D28D15



FFE6BA



D2155A



807157



000000



808080



# Same Dimension

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



D28D15



FFA200



B9D215



69655E



A86B00



291A00



# Inverse Universe

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



155AD2



005DFF



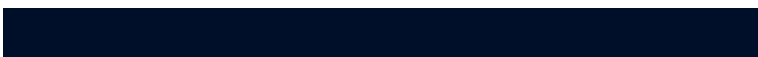
2E15D2



5E6269



003DA8



000F29



# Previews

## White Background



This preview shows how the Hex color D28D15 looks on a white background.

## Color Contrast Check

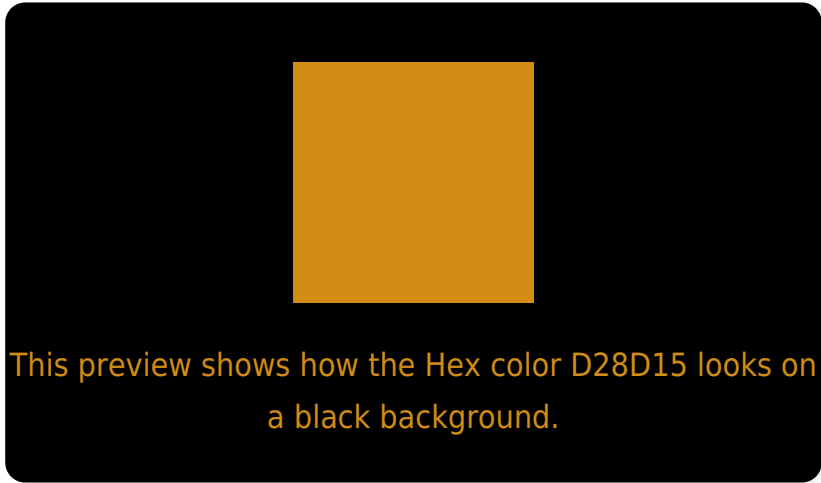
Large Text (above 18pt) WCAG AA × Fail

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 D28D15 Background



This preview shows how black text looks on a background with the Hex color D28D15.

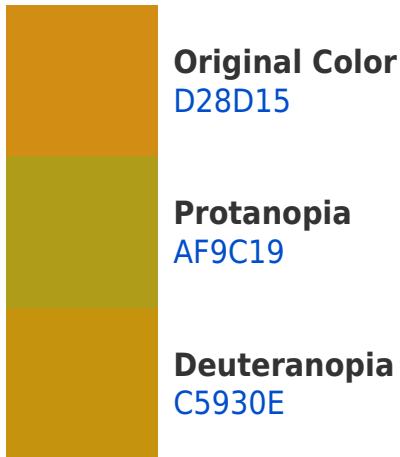



This preview shows how white text looks on a background with the Hex color D28D15.

# 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](#).

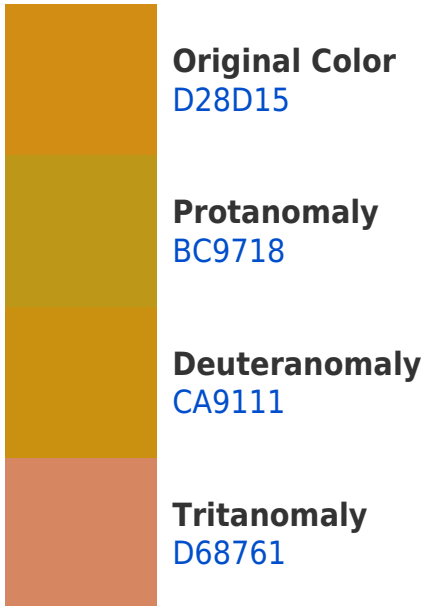
## Dichromacy



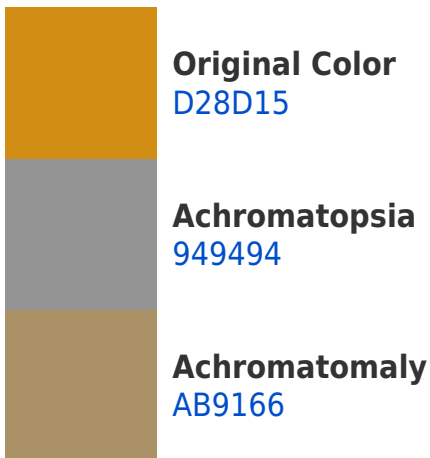


**Tritanopia**  
D8838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D28D15 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 #D28D15 looks like.

```
.text, #text, p{  
    color:#D28D15  
}
```

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 #D28D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D28D15
}
```

## Border

The CSS property to change the border of an element to Hex D28D15 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
#D28D15 }
```

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

```
.border{ border-color:#D28D15 }
```

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

Here you see how a box with a 4 pixel #D28D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D28D15; -webkit-box-shadow:4px 4px  
4px 4px #D28D15; box-shadow:4px 4px 4px  
4px #D28D15 }
```

# Background

The CSS property to change the background color of an element to Hex D28D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D28D15 }
```

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

```
.background{ background-color:#D28D15 }
```

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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