

# Converting Colors

Hex(D28540)

Have a look what the booklet for  
Hex(D28540) contains.

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**Color**

**Hex(D28540)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D28540
RGB	210, 133, 64
RGB Percent	82%, 52%, 25%
CMY	0.1765, 0.4784, 0.7490
CMYK	0.00, 0.37, 0.70, 0.18
HSL	28°, 62%, 54%
HSV	28°, 70%, 82%
XYZ	35.8913, 30.8469, 8.9129
YIQ	148.1570, 68.0410, -5.1350

# Conversions

## Conversions Part 2

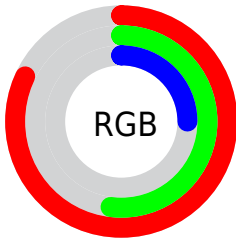
Format	Color
<a href="#">RYB</a>	<a href="#">210, 195, 64</a>
Decimal	<a href="#">13796672</a>
CIELab	<a href="#">62.38, 23.56, 48.30</a>
CIELCh	<a href="#">62, 53.737, 63.994</a>
Yxy	<a href="#">30.8469, 0.4744, 0.4078</a>
Android (android.graphics.Color)	<a href="#">4291986752 (0xFFD28540)</a>
YUV	<a href="#">148.1570, -41.4894, 54.2363</a>
Hunter-Lab	<a href="#">55.5400, 18.1562, 29.3633</a>

# Details

The Hex color **D28540** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **408DD2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFBA73**, and **97530B** is the 20% darker color. If you saturate the color by 10%, you get **D27A2B**, and if you desaturate by 10%, it is **D29055**.

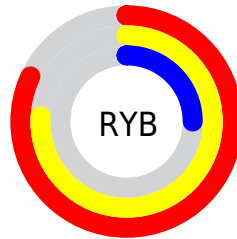
# Distribution



Red (82%)

Green (52%)

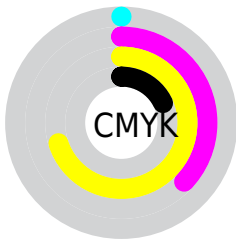
Blue (25%)



Red (82%)

Yellow (76%)

Blue (25%)

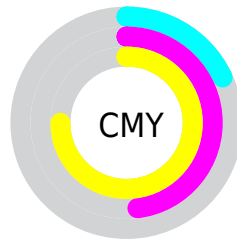


Cyan (0%)

Magenta (37%)

Yellow (70%)

Black (18%)



Cyan (18%)

Magenta (48%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D28540 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 D28540 by changing the saturation by 10% instead.



 D28540

 D28540

FFFFFF

 B46C27

 FFBA73

 97530B

 FFD68D

 7A3B00

 FFF3A8

 5D2500

 FFFFC4

 420F00

 FFFFEO

 2A0000

FFFFFFD

 000000

 D28540

 D28540

 D27A2B

 D29055

 D26F16

 D29B6A

 D26401

 D2A67F

 D26300

 D2B194

 D2BCA9

 D2C7BE

 D2D3D3

 D2DEE8

 D2E9FD

# Harmonies

## Analogous

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



EA7464



D28540



AB9631

# Triad

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



D28540



00AE9C



A288E6

# Complementary

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



D28540



408DD2

# 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.



409AF6



D28540



00ADCB

# Square

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



D28540



30AB6B



00A7EC



D675C2

# Rectangle

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



D28540



8BA03A



00A7EC



888EEE

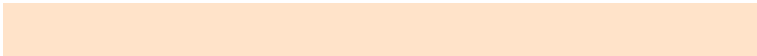


# Sweetspot

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



D28540



FFE3C9



D2408E



806F60



000000



808080



# Same Dimension

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



D28540



FF8F2B



D2CD40



69635E



A85000



291300



# Inverse Universe

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



408DD2



2B9BFF



4045D2



5E6469



0059A8

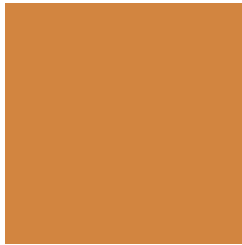


001629



# Previews

## White Background



This preview shows how the Hex color D28540 looks on a white background.

## Color Contrast Check

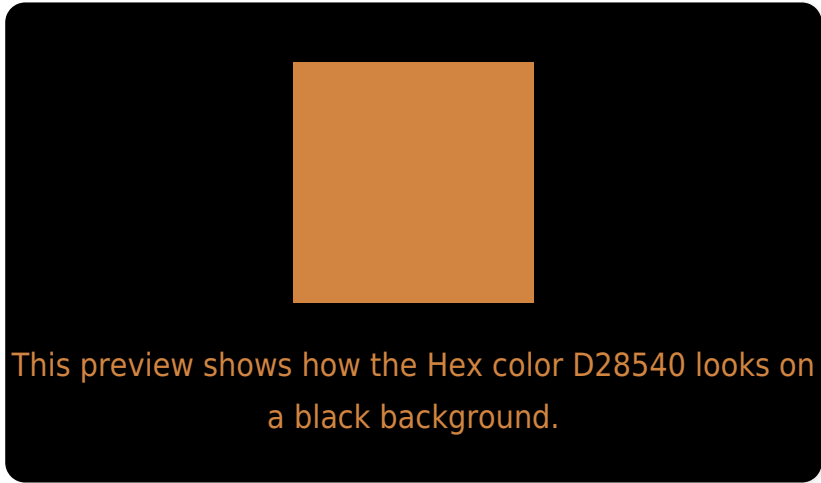
Large Text (above 18pt) WCAG AA × Fail

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

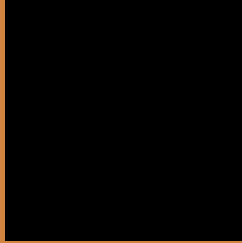
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D28540 Background



This preview shows how black text looks on a background with the Hex color D28540.

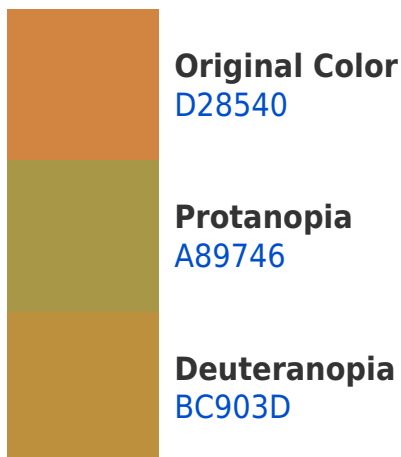


This preview shows how white text looks on a background with the Hex color D28540.

# 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](#).

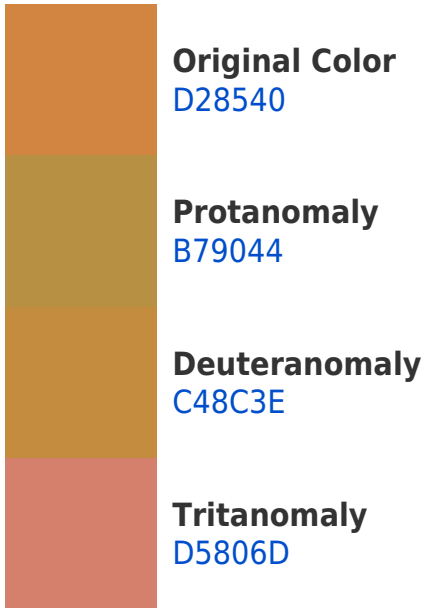
## Dichromacy



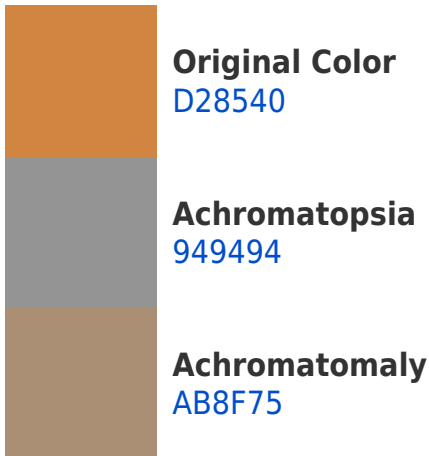


**Tritanopia**  
D67D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D28540 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 #D28540 looks like.

```
.text, #text, p{  
    color:#D28540  
}
```

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 #D28540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D28540
}
```

## Border

The CSS property to change the border of an element to Hex D28540 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
#D28540 }
```

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

```
.border{ border-color:#D28540 }
```

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

Here you see how a box with a 4 pixel #D28540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D28540; -webkit-box-shadow:4px 4px  
4px 4px #D28540; box-shadow:4px 4px 4px  
4px #D28540 }
```

# Background

The CSS property to change the background color of an element to Hex D28540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D28540 }
```

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

```
.background{ background-color:#D28540 }
```

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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