

Converting Colors

Hex(D28542)

Have a look what the booklet for
Hex(D28542) contains.

Hex(D28542)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D28542)

Conversions

Conversions Part 1

Format	Color
Hex	D28542
RGB	210, 133, 66
RGB Percent	82%, 52%, 26%
CMY	0.1765, 0.4784, 0.7412
CMYK	0.00, 0.37, 0.69, 0.18
HSL	28°, 62%, 54%
HSV	28°, 69%, 82%
XYZ	35.9492, 30.8700, 9.2180
YIQ	148.3850, 67.3990, -4.5130

Conversions

Conversions Part 2

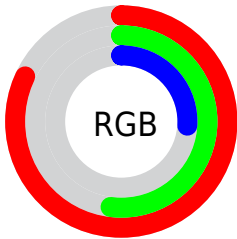
Format	Color
R_{YB}	210, 191, 66
Decimal	13796674
CIE _{Lab}	62.40, 23.67, 47.35
CIE _{LCh}	62, 52.937, 63.438
Yxy	30.8700, 0.4728, 0.4060
Android (android.graphics.Color)	4291986754 (0xFFD28542)
YUV	148.3850, -40.6158, 54.0364
Hunter-Lab	55.5608, 18.2625, 29.0558

Details

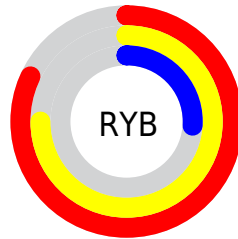
The Hex color **D28542** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **428FD2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFBA75**, and **97530F** is the 20% darker color. If you saturate the color by 10%, you get **D27A2D**, and if you desaturate by 10%, it is **D29057**.

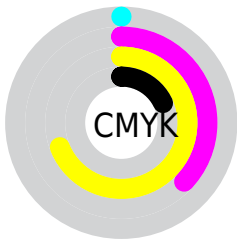
Distribution



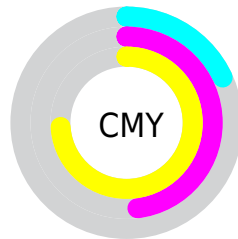
- Red (82%)
- Green (52%)
- Blue (26%)



- Red (82%)
- Yellow (75%)
- Blue (26%)



- Cyan (0%)
- Magenta (37%)
- Yellow (69%)
- Black (18%)



- Cyan (18%)
- Magenta (48%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D28542 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 D28542 by changing the saturation by 10% instead.

 D28542

 D28542

FFFFFF

 B46C29

 FFBA75

 97530F

 FFD68F

 7A3B00

 FFF3AA

 5E2500

 FFFFC6

 420E00

 FFFFE2

 2A0000

 000000

 D28542

 D28542

 D27A2D

 D29057

 D26F18

 D29B6C

 D26303

 D2A781

 D26200

 D2B296

 D2BDAB

 D2C8C0

 D2D4D5

 D2DFEA

 D2EAFF

Harmonies

Analogous

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



EA7466



D28542



AC9633

Triad

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



D28542



00AE9B



A088E6

Complementary

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



D28542



428FD2

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.



419AF5



D28542



00ADC9

Square

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



D28542



35AB6B



00A7EA



D576C2

Rectangle

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



D28542



8D9F3B



00A7EA



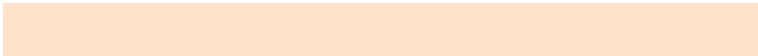
888FED

Sweetspot

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



D28542



FFE2C9



D24291



806E60



000000



808080

Same Dimension

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



D28542



FF8F2E



D2CB42



69635E



A84E00



291300

Inverse Universe

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



428FD2



2E9EFF



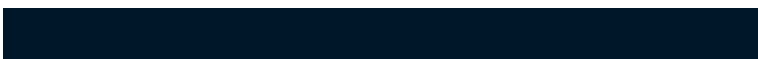
4249D2



5E6469



005AA8



001629

Previews

White Background



This preview shows how the Hex color D28542 looks on a white background.

Color Contrast Check

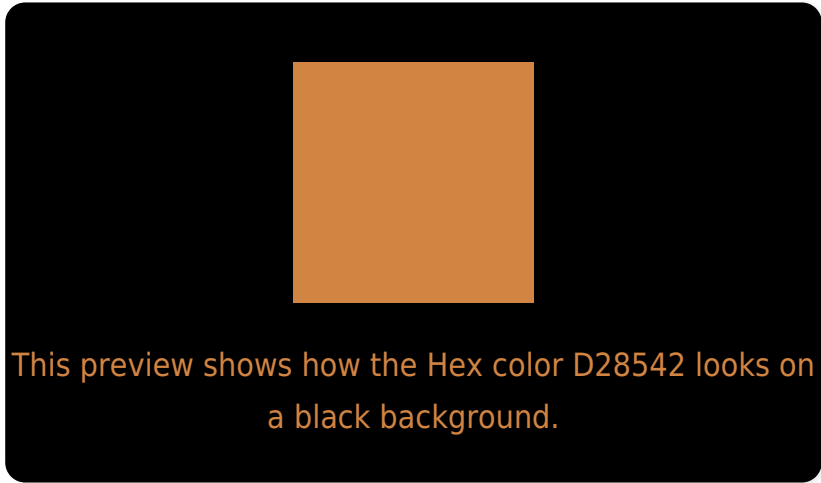
Large Text (above 18pt) WCAG AA × Fail

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

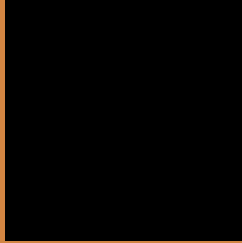
Any Text WCAG AA ✓ Pass

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 D28542 Background



This preview shows how black text looks on a background with the Hex color D28542.



This preview shows how white text looks on a background with the Hex color D28542.

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](#).

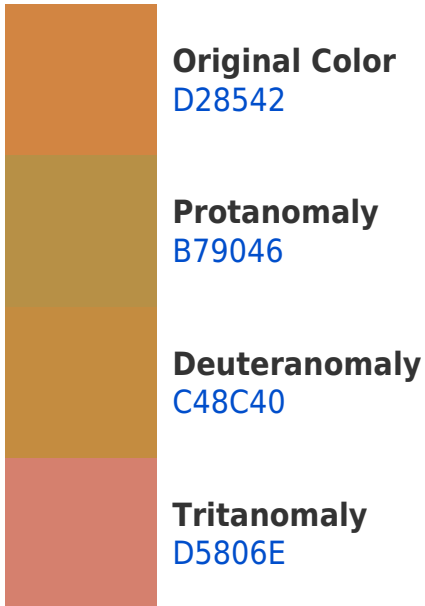
Dichromacy



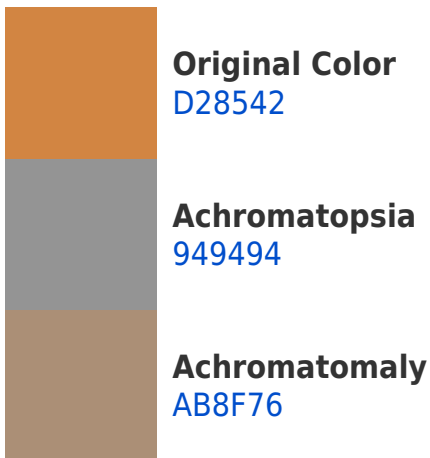


Tritanopia
D67D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D28542 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 #D28542 looks like.

```
.text, #text, p{  
    color:#D28542  
}
```

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 #D28542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D28542
}
```

Border

The CSS property to change the border of an element to Hex D28542 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
#D28542 }
```

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

```
.border{ border-color:#D28542 }
```

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

Here you see how a box with a 4 pixel #D28542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D28542; -webkit-box-shadow:4px 4px  
4px 4px #D28542; box-shadow:4px 4px 4px  
4px #D28542 }
```

Background

The CSS property to change the background color of an element to Hex D28542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D28542 }
```

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

```
.background{ background-color:#D28542 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor